CDP-C525/C625

SERVICE MANUAL

US Model
Canadian Model
CDP-C525/C625
AEP Model
Australian Model
E Model
CDP-C525

Photo : CDP-C625

Model Name Using Similar Mechanism	CDP-C425
Optical Pick-up Block Type	BU-5BD8B

SPECIFICATIONS

System	Compact disc digital audio system
Laser	Semiconductor laser (λ=780 nm) Emission duration: continuous
Laser output	Max. 44.6 μW* * This output is the value measured at a distance of about 200 mm from the objective lens surface on the Optical Pick-up Block.
Frequency response	2 Hz – 20 kHz ($\pm$0.5 dB)
Signal to noise ratio	CDP-C525 More than 105 dB CDP-C625 More than 110 dB
Dynamic range	More than 98 dB
Harmonic distortion	CDP-C525 Less than 0.005% (1 kHz) CDP-C625 Less than 0.0027% (1 kHz)
Channel separation	CDP-C525 More than 100 dB (1 kHz) CDP-C625 More than 102 dB (1 kHz)
Wow and flutter	Below measurable limit

Outputs

LINE OUT (FIXED) (phono jacks)	Output level 2 V (at 50 kiloohms, non DSP mode) Load impedance over 10 kiloohms
LINE OUT (VARIABLE) (phono jacks)	Output level max. 2 V (at 50 kiloohms, non DSP mode) Load impedance over 10 kiloohms
DIGITAL OUT (OPTICAL) (optical output connector) (CDP-C625 only)	Wave length 660 nm Output level –18 dBm
PHONES (stereo phone jack)	Output level max. 15 mW Load impedance 32 ohms

General

Power requirements	Model for USA and Canada 120 V AC, 60 Hz Model for Australia 240 V AC, 50/60 Hz
Power consumption	13 W
Dimensions	Approx. 430 × 125 × 385 mm (w/h/d) (17 × 5 × 15 1/4 inches) not including projecting parts and controls
Weight	Approx. 6 kg (13 lbs 4 oz), net

Remote commander	**RM-D615**
Remote control system	Infrared control
Power requirements	3 V DC with two batteries size AA (IEC designation R6)

— Continued on next page —

MICROFILM

COMPACT DISC PLAYER
SONY

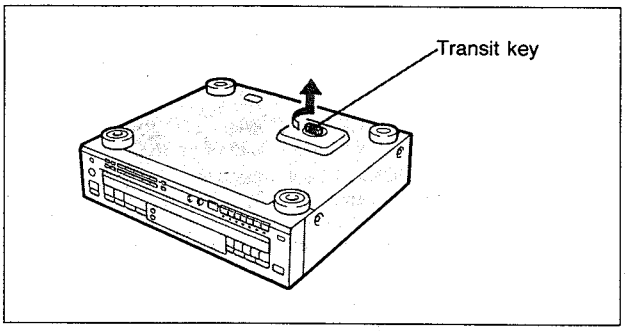
Supplied accessories
Connecting cord (1)
(2 phono plugs ↔ 2 phono plugs)
Remote commander (1)
Sony SUM-3(NS) batteries (2)
Operating Manual (1)

Optional accessory (CDP-C625 only)
Audio optical connecting cord POC-15

Design and specifications subject to change without notice.

Note on the Transit Key

The transit key on the bottom exterior of the unit protects the optical system against shock during transportation. Before operating the CD player, be sure to remove the key by following the instructions on the label, and store it in a safe place.
When transporting the unit, replace the key in its original hole and lock it in place.



For the customers in Canada

CAUTION:
TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

THIS APPARATUS COMPLIES WITH THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS SET OUT IN RADIO INTERFERENCE REGULATIONS.

For the customers in Australia

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

This Compact Disc player is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT label is located on the rear exterior.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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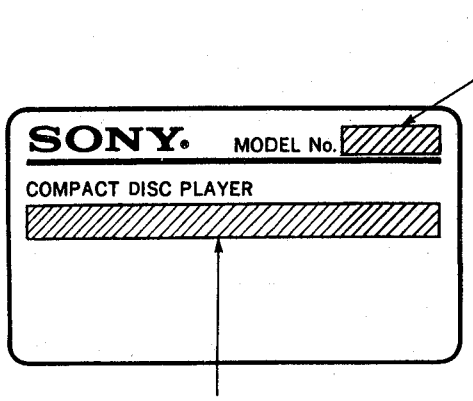
MODEL IDENTIFICATION

—Model Number Label—



US, Canadian model : AC : 120V 60Hz
Australian model : AC : 240V~50/60Hz
AEP model : AC : 220–230V~50/60Hz
E model : AC : 110–120V, 220–240V~50/60Hz

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic breakdown because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic breakdown and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30cm away from the objective lens.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

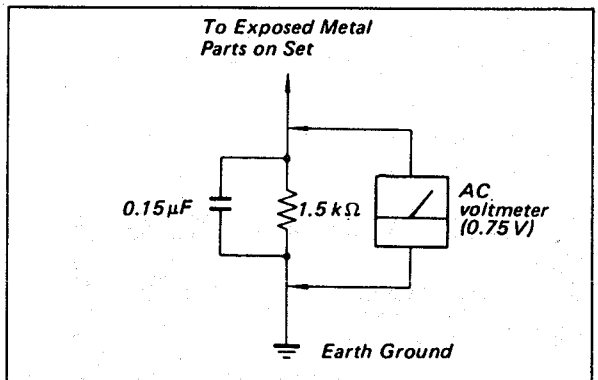


Fig. A. Using an AC voltmeter to check AC leakage.

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs a laser. Therefore, be sure to follow carefully the instructions below when servicing.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

1. Laser Diode Properties
   - Material: GaAlAs
   - Wavelength: 780 nm
   - Emission Duration: continuous
   - Laser Output: max. 44.6 μW*

     * This output is the value measured at a distance of about 200 mm from the objective lens surface on the Optical Pick-up Block.

2. During service, do not take the Optical Pick-up Block apart, and do not adjust the APC circuit. If there is a breakdown in the APC circuit (including laser diode), replace the entire Optiocal Pick-up Block (including APC borad).

BESKYTTELSE AF ØJNE MOD LASERSTRÅLING UNDER SERVICE

I dette apparat anvendes laserlys. Derfor skal nedenstående instruktioner nøje følges under service.

Følg iøvrigt instruktionerne i servicemanualen.

ADVARSEL!!

Under service må øjnene ikke komme nær objektiv-linsen på den optiske pick-up enhed. I tilfælde af at det er nødvendigt at kontrollere udsendelsen af laserlys, skal det ske i en afstand af mere end 25 cm fra den optiske pick-up.

1. Laser-didoe data
   - Materiale: GaAlAs
   - Bølgelængde: 780 nm
   - Udstråling: Kontinuerlig
   - Laseroutput: Max. 0,4 mW*

     * Målt i 1,6 mm afstand fra overfladen af objektivlinsen pä den optiske pick-up enhed.

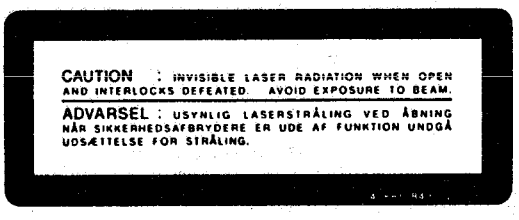
   - Klassifikation: Klasse IIIb.

2. Adskil aldrig den optiske pick-up enhed under service, og juster ikke APC kredsløbet (Automatic Power Control). Hvis APC kredsløbet (incl. laserdioden) bryder ned, skal hele den optiske pick-up enhed (incl. APC printkortet) udskiftes.

LASER ADVARSEL MÆRKNING

Følgende mærkning findes indvendig i apparatet:

1. Advarsel Mærkning

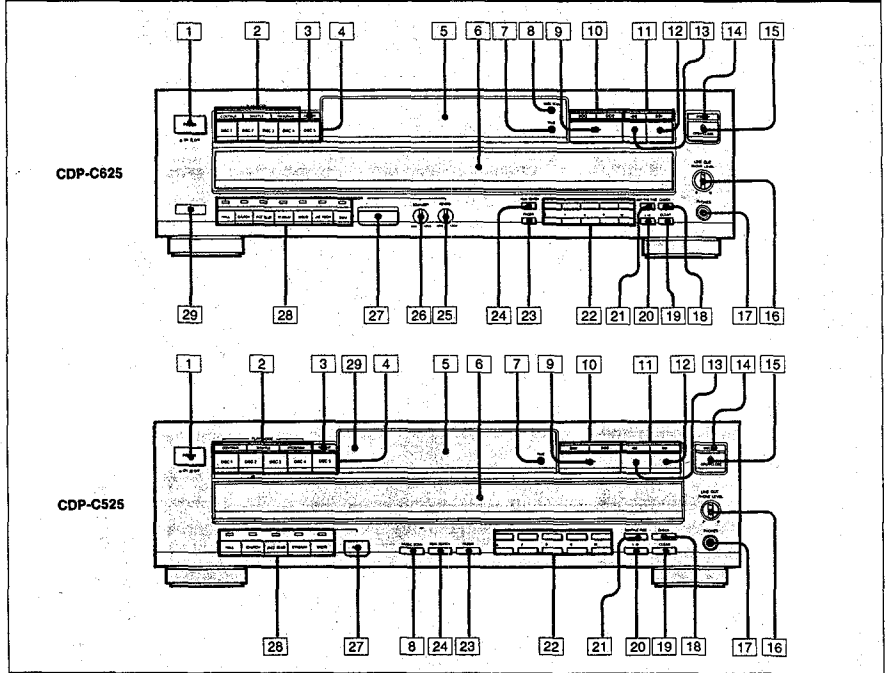

CAUTION : INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.
ADVARSEL : USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION UNDGÅ UDSÆTTELSE FOR STRÅLING.

VAROITUS: Laite sisältää, laserdiodin, joka lähettää (näkymätöntä) silmille vaarallista lasersateilyä.

SECTION 1
GENERAL

1-1. LOCATION OF CONTROLS

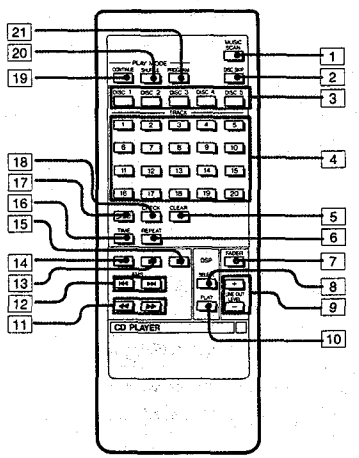
Front Panel



1 POWER switch
2 PLAY MODE buttons
CONTINUE button
SHUFFLE button
PROGRAM button
3 REPEAT button
4 DISC 1-5 buttons
5 Display window
6 Disc tray
7 TIME button
8 MUSIC SCAN button
9 ▶ (play) button
10 ⏮/⏭ (AMS*) buttons
11 ◀◀/▶▶ (manual search) buttons
12 ■ (stop) button
13 ❚❚ (pause) button
14 DISC SKIP button
15 ⏏ OPEN/CLOSE button
16 LIEN OUT/PHONE LEVEL control
17 PHONES jack
18 CHECK (program check) button
19 CLEAR (program clear) button
20 >10 (over 10) button
21 EDIT/TIME FADE button
22 Numeric buttons (1-10)
23 FADER button
24 PEAK SEARCH button
25 DIGITAL SIGNAL PROCESSOR REVERB control (CDP-625 only)
26 DIGITAL SIGNAL PROCESSOR EQUALIZER control (CDP-C625 only)
27 DIGITAL SIGNAL PROCESSOR FLAT button
28 DIGITAL SIGNAL PROCESSOR mode select buttons and indicators
29 Remote sensor

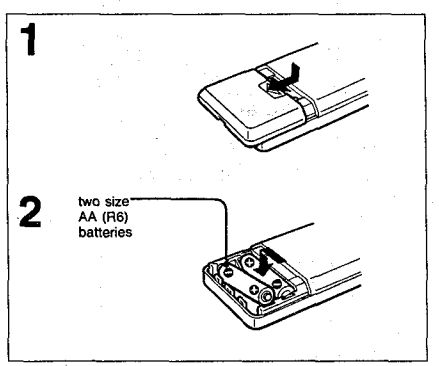
* AMS is the abbreviation of Automatic Music Sensor.

Remote Commander



1 MUSIC SCAN button
2 DISC SKIP button
3 DISC 1-5 buttons
4 Numeric buttons
5 CLEAR (program clear) button
6 REPEAT button
7 FADER button
8 DIGITAL SIGNAL PROCESSOR SELECT button
9 LINE OUT LEVEL buttons
10 DIGITAL SIGNAL PROCESSOR FLAT button
11 ◀◀/▶▶ (manual search) buttons
12 ⏮/⏭ (AMS) buttons
13 ❚❚ (pause) button
14 ▶ (play) button
15 ■ (stop) button
16 TIME button
17 >20 (over 20) button
18 CHECK (program check) button
19 CONTINUE button
20 SHUFFLE button
21 PROGRAM button

Installing Batteries in the Remote Commander

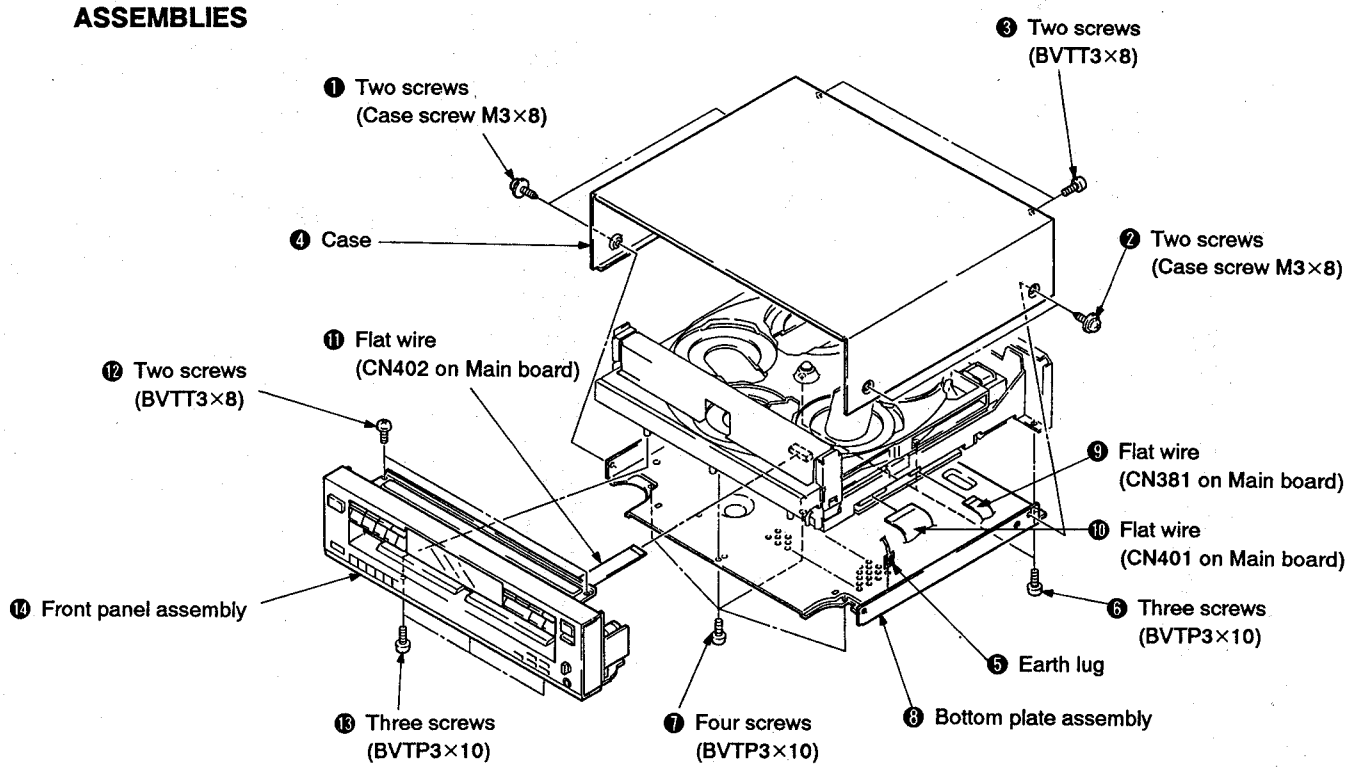


On battery life
- About half a year of normal operation can be expected when using the Sony SUM-3(NS) batteries.
- When the batteries are run down, the remote commander will not operate the unit. In this case, replace both batteries with new ones.

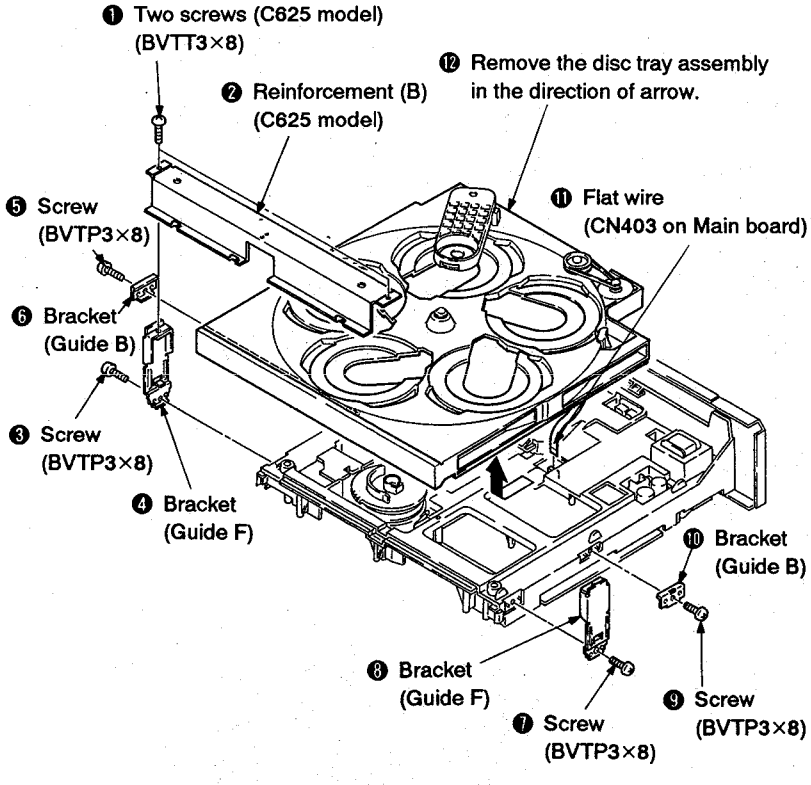
Notes on the remote commander and remote control operation
- Keep the commander away from extremely hot or humid places.
- Avoid dropping any foreign objects into the commander casing, particularly when replacing the batteries.
- Avoid exposing the remote sensor to direct sunlight or lighting apparatus. Such exposure can cause a malfunction.
- To avoid damage caused by battery leakage and corrosion, remove the batteries when the commander will not be used for a long time.

SECTION 2
DISASSEMBLY

2-1. REMOVAL OF CASE AND FRONT PANEL ASSEMBLIES

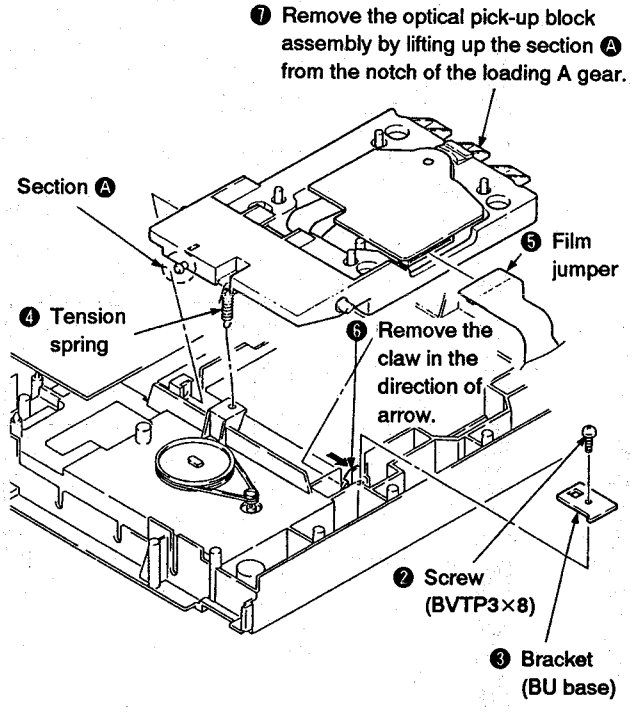

❸ Two screws (BVTT3×8)
❶ Two screws (Case screw M3×8)
❹ Case
❷ Two screws (Case screw M3×8)
⓫ Flat wire (CN402 on Main board)
⓬ Two screws (BVTT3×8)
❾ Flat wire (CN381 on Main board)
❿ Flat wire (CN401 on Main board)
⓮ Front panel assembly
❻ Three screws (BVTP3×10)
❺ Earth lug
⓭ Three screws (BVTP3×10)
❼ Four screws (BVTP3×10)
❽ Bottom plate assembly

2-2. REMOVAL OF DISC TRAY ASSEMBLY


❶ Two screws (C625 model) (BVTT3×8)
❷ Reinforcement (B) (C625 model)
⓬ Remove the disc tray assembly in the direction of arrow.
⓫ Flat wire (CN403 on Main board)
❺ Screw (BVTP3×8)
❻ Bracket (Guide B)
❸ Screw (BVTP3×8)
❹ Bracket (Guide F)
❿ Bracket (Guide B)
❽ Bracket (Guide F)
❼ Screw (BVTP3×8)
❾ Screw (BVTP3×8)

2-3. REMOVAL OF OPTICAL PICK-UP BLOCK ASSEMBLY

1) Replace the set up side down.

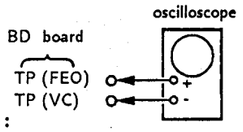

❼ Remove the optical pick-up block assembly by lifting up the section Ⓐ from the notch of the loading A gear.
Section Ⓐ
❺ Film jumper
❹ Tension spring
❻ Remove the claw in the direction of arrow.
❷ Screw (BVTP3×8)
❸ Bracket (BU base)

SECTION 3
ELECTRICAL BLOCK CHECKING

Note :

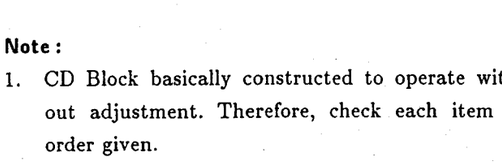
1. CD Block basically constructed to operate without adjustment. Therefore, check each item in order given.
2. Use YEDS-18 disc (3-702-101-01) unless otherwise indicated.
3. Use the oscilloscope with more than 10MΩ impedance.
4. Clean an object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.

S Curve Check



Procedure :

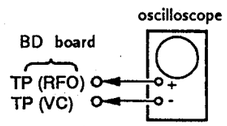
1. Connect oscilloscope to test point TP (FEO) on BD board.
2. Connect between test point TP (FES) and TP (VC) by lead wire.
3. Turned Power switch on and actuate the focus serch. (actuate the focus serch when disc table is moving in and out.)
4. Check the oscilloscope waveform (S curve) is symmetrical between A and B. And confirm peak to peak level within 3±1Vp-p.



5. After check, remove the lead wire connected in step 2.

Note : • Try to mesure several times to make sure that the ratio of A : B or B : A is more than 10 : 7.
• Take sweep time as long as possible and light up the brightness to obtain best waveform.

RF Level Check

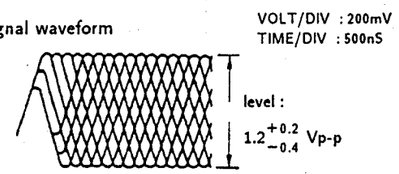


Procedure :

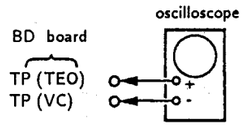
1. Connect oscilloscope to test point TP (RFO) on BD board.
2. Turn Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Confirm that oscilloscope waveform is clear and check RF signal level is correct or not.

Note :

Clear RF signal waveform means that the shape "◇" can be clearly distinguished at the center of the waveform.

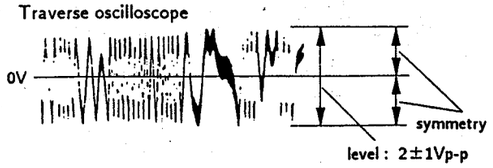


E-F Balance Check



Procedure :

1. Connect test point TP (ADJ) to ground and TP (TES) to TP (VC) with lead wire.
2. Connect oscilloscope to test point TP (TEO) on BD board.
3. Turn Power switch on.
4. Put disc (YEDS-18) in and playback.
5. Confirm that the osilloscope waveform is symmetrical on the top and bottom in relation to 0V, and check this level.

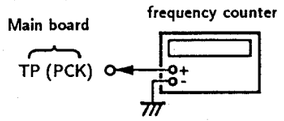


6. Remove the lead wire connected in step 1.

RF PLL Free-run Frequency Check

Procedure :

1. Connect frequency counter to test point (PCK) with lead wire.



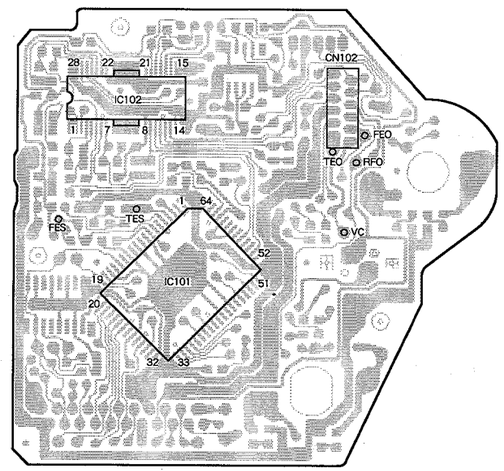
2. Turn Power sv itch on.
3. Confirm that reading on frequency counter is 4. 3218MHz.

Focus/Tracking Gain

This gain has a margin, so even if it is slightly off. There is no problem.
Therefore, do not perform, this adjustment.
Please note that it should be fixed to mechanical center position when you moved and do not know original position.

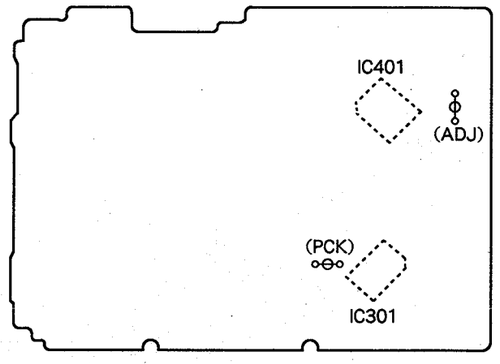
Adjustment Locations :
[BD board]

— conductor side —



[Main board]

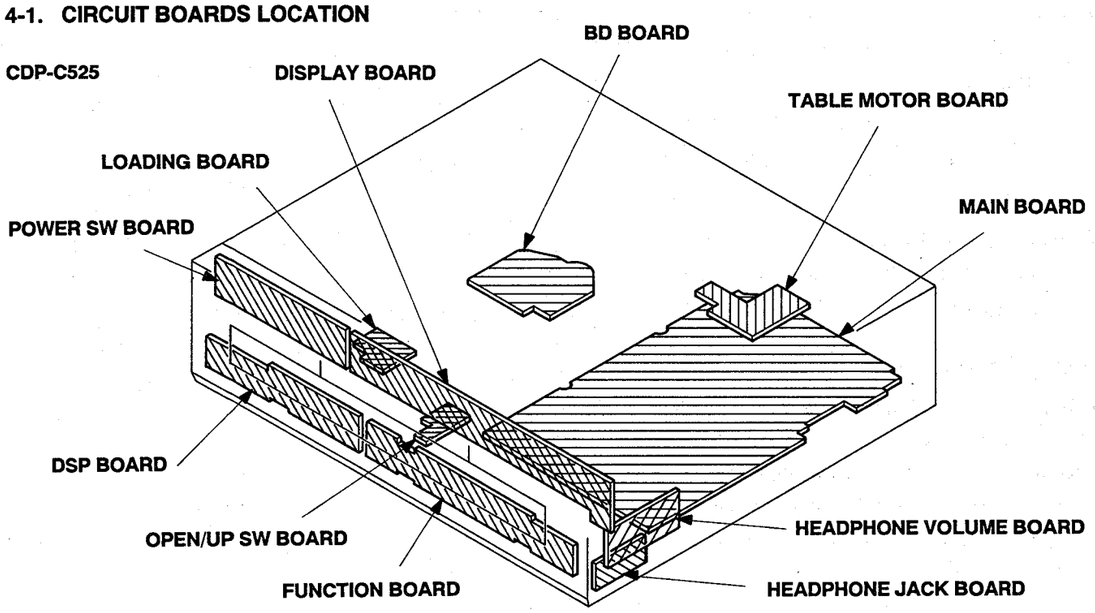
— component side —



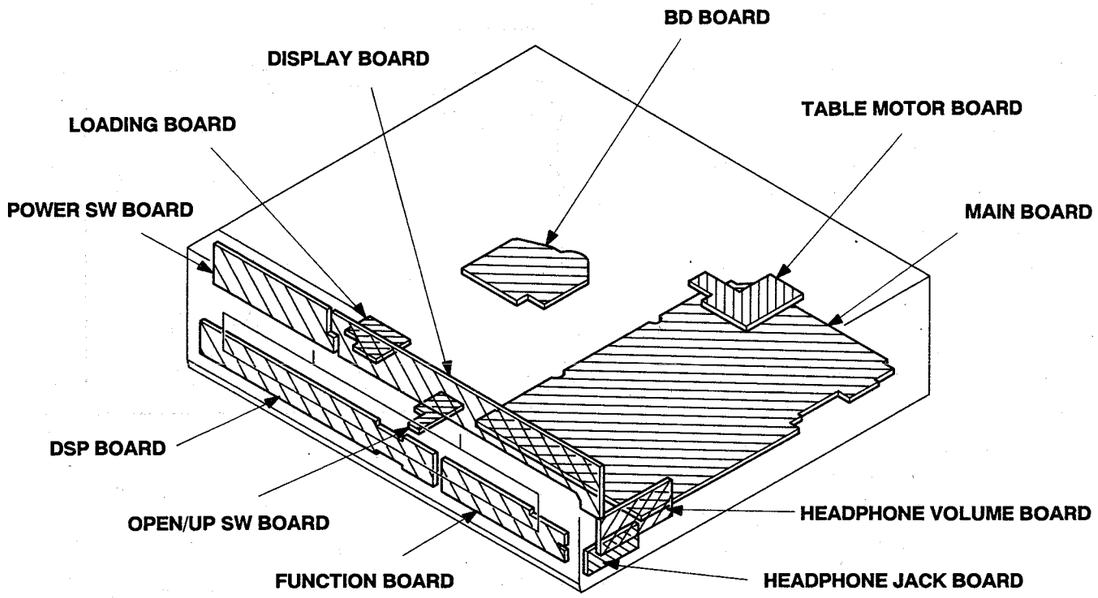
SECTION 4
DIAGRAMS

4-1. CIRCUIT BOARDS LOCATION

CDP-C525



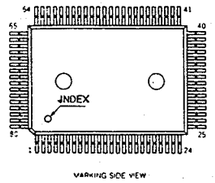
CDP-C625



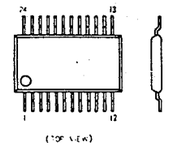
4-2. SEMICONDUCTOR LEAD LAYOUTS

CXA1291P

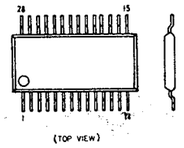
CXD2500AQ



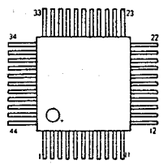
CXD2560M



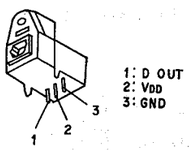
CXD2561BM



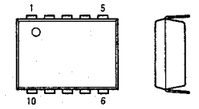
CXD2701Q



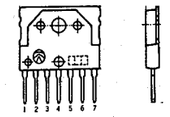
GP1F32T



LA5601

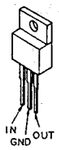


LA5602

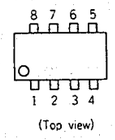


M5293L

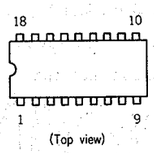
M5F7807L



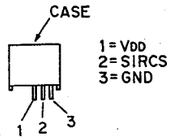
MC33078
RC4556D
RC4558P
TL082ACP



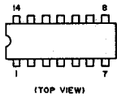
MS51464-10NC



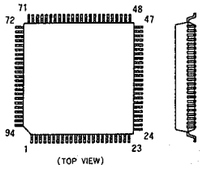
SBX1610-59



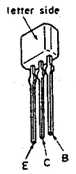
SN74HCU04AN



μPD75237GJ-024-5BG



2SA1175-HFE
2SC3623-LK
DTA124ES
DTC144ES

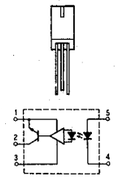


2SC1815-Y
DTA144ES

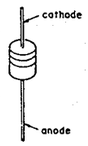
2SC2878-AB

RC78L12A-T1

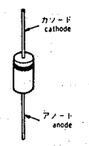
GP-1A521



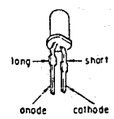
11ES2
RD8.2ES-B2



1N4148M

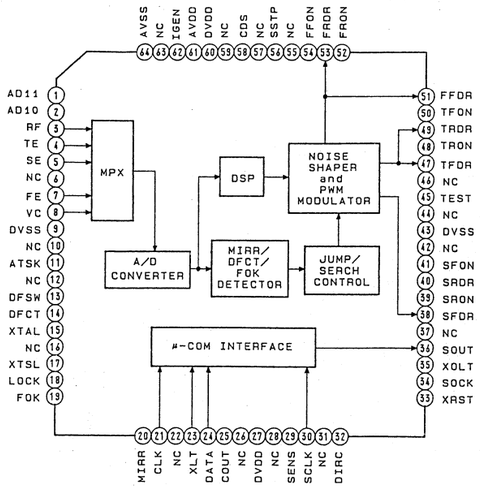


SEL2810A-C



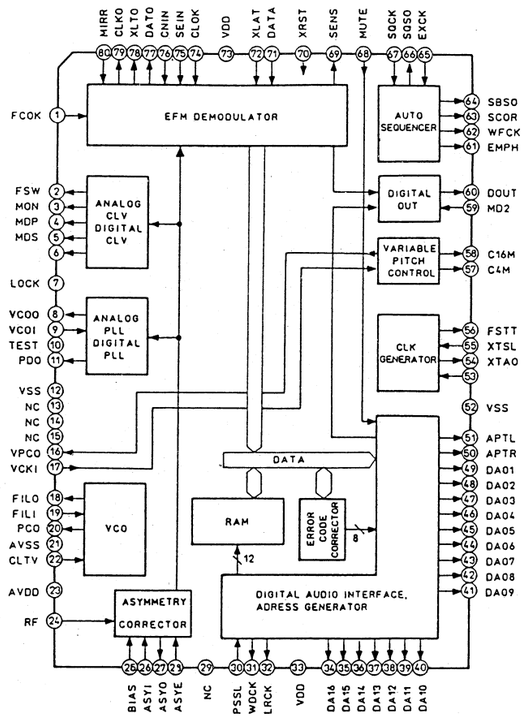
4-3. IC BLOCK DIAGRAMS

IC101 CXD2501Q

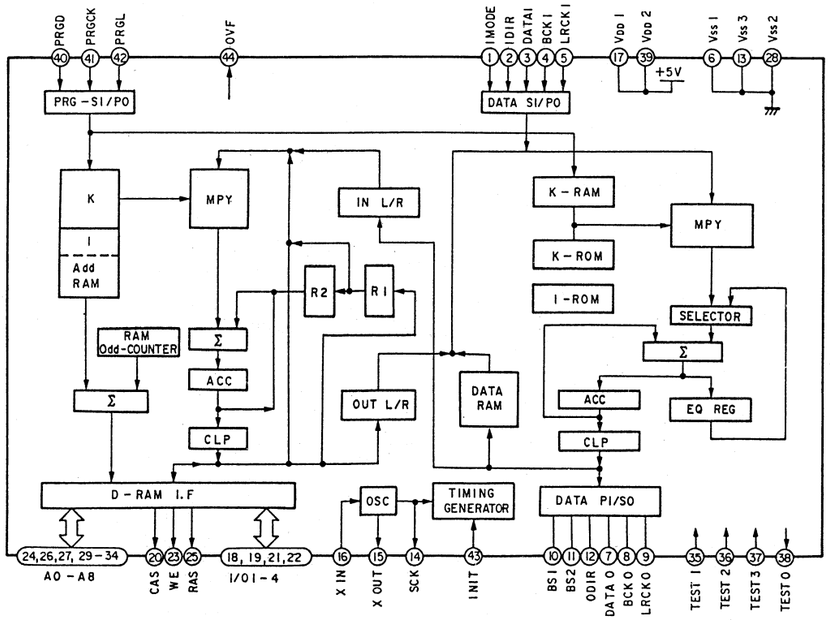

AVSS NC IGEN AVDD DVDD NC CDS NC SSTP NC FFON FFDR FRDR FRON
AD11 AD10 RF TE SE NC FE VC DVSS NC ATSK NC DFSW DFCT XTAL NC XTSL LOCK FOK
MPX
DSP
NOISE SHAPER and PWM MODULATOR
A/D CONVERTER
MIRR/ DFCT/ FOK DETECTOR
JUMP/ SERCH CONTROL
μ-COM INTERFACE
FFDR TFON TRDR TRON TFDR NC TEST NC DVSS NC SFON SRDR SRON SFDR NC SOUT XOLT SOCK XRST
MIRR CLK NC XLT DATA COUT NC DVDD NC SENS SCLK NC DIRC

IC201 M5293L

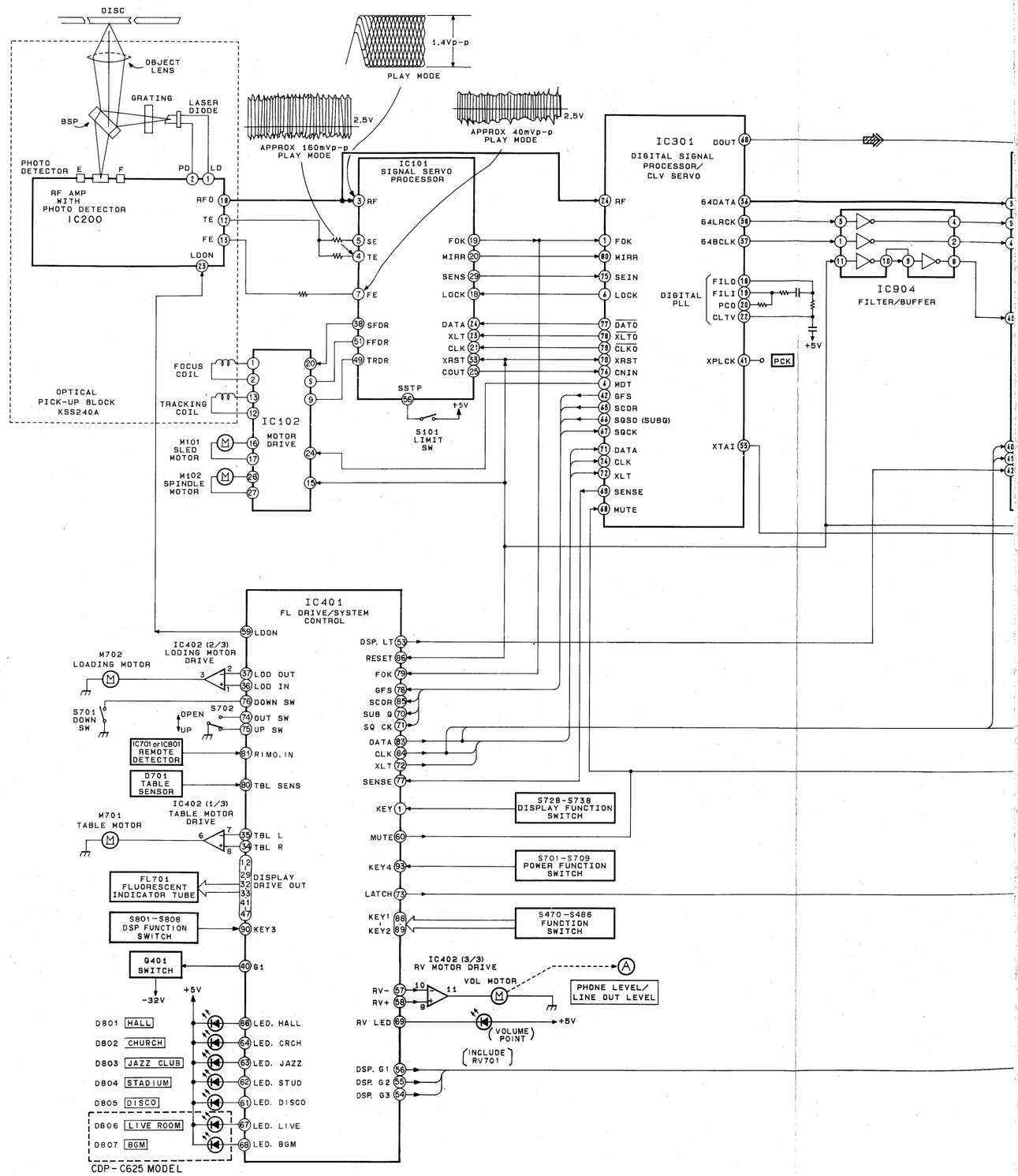
IC301 CXD2500Q


MIRR CLKO XLTO DATO CNIN SEIN CLOK VDD XLAT DATA XRST SENS MUTE SOCK SQSO EXCK
FCOK FSW MON MDP MDS LOCK VCOO VCOI TEST PDO VSS NC NC NC VPCO VCKI FILO FILI PCO AVSS CLTV AVDD RF
EFM DEMODULATOR
AUTO SEQUENCER
DIGITAL OUT
VARIABLE PITCH CONTROL
CLK GENERATOR
ANALOG CLV DIGITAL CLV
ANALOG PLL DIGITAL PLL
VCO
DATA
RAM
ERROR CODE CORRECTOR
ASYMMETRY CORRECTOR
DIGITAL AUDIO INTERFACE, ADRESS GENERATOR
SBSO SCOR WFCK EMPH DOUT MD2 C16M C4M FSTT XTSL XTAO VSS APTL APTR DA01 DA02 DA03 DA04 DA05 DA06 DA07 DA08 DA09
BIAS ASYI ASYO ASYE NC PSSL WOCK LRCK VDD DA16 DA15 DA14 DA13 DA12 DA11 DA10

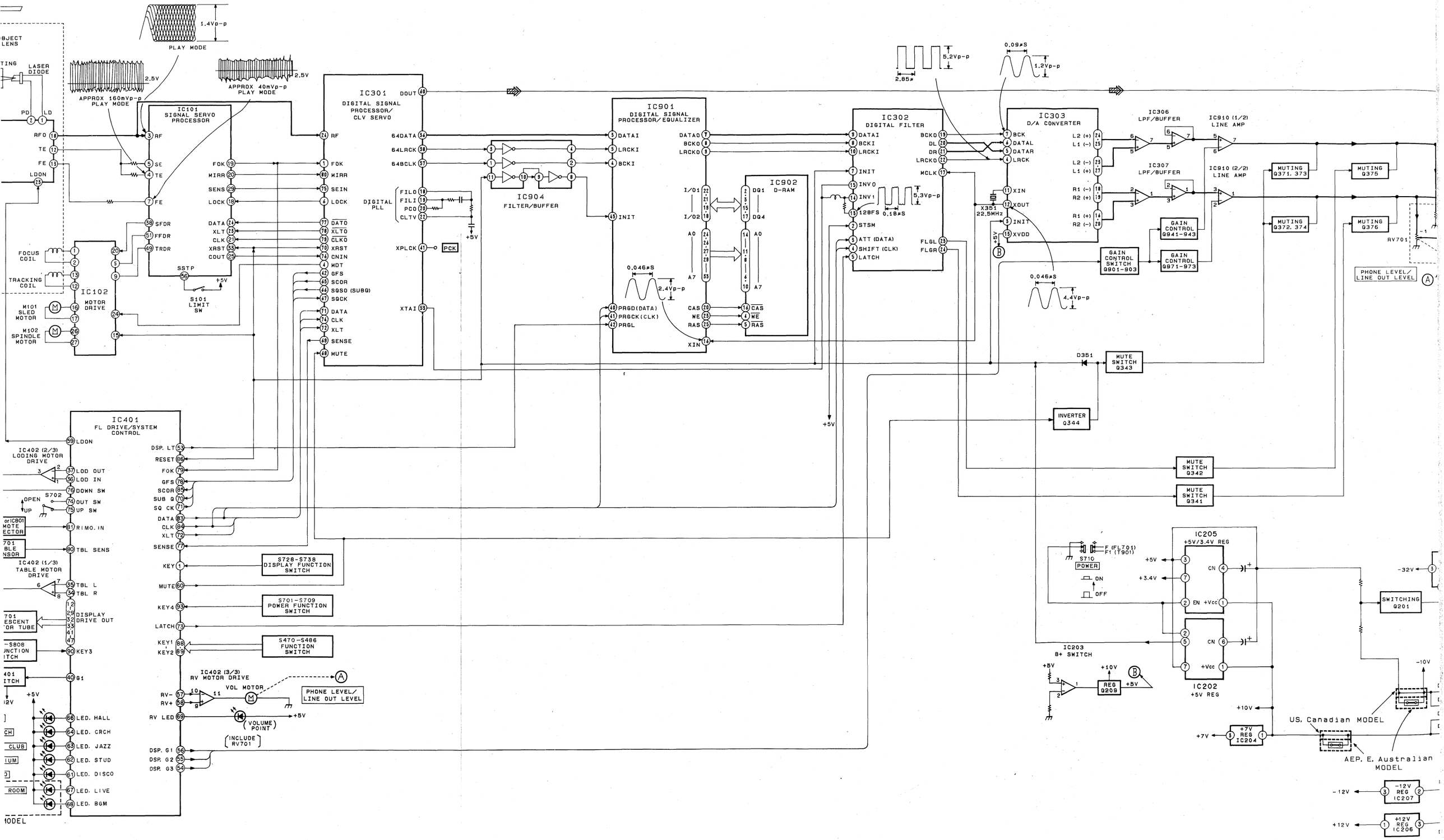
IC901 CXD2701Q

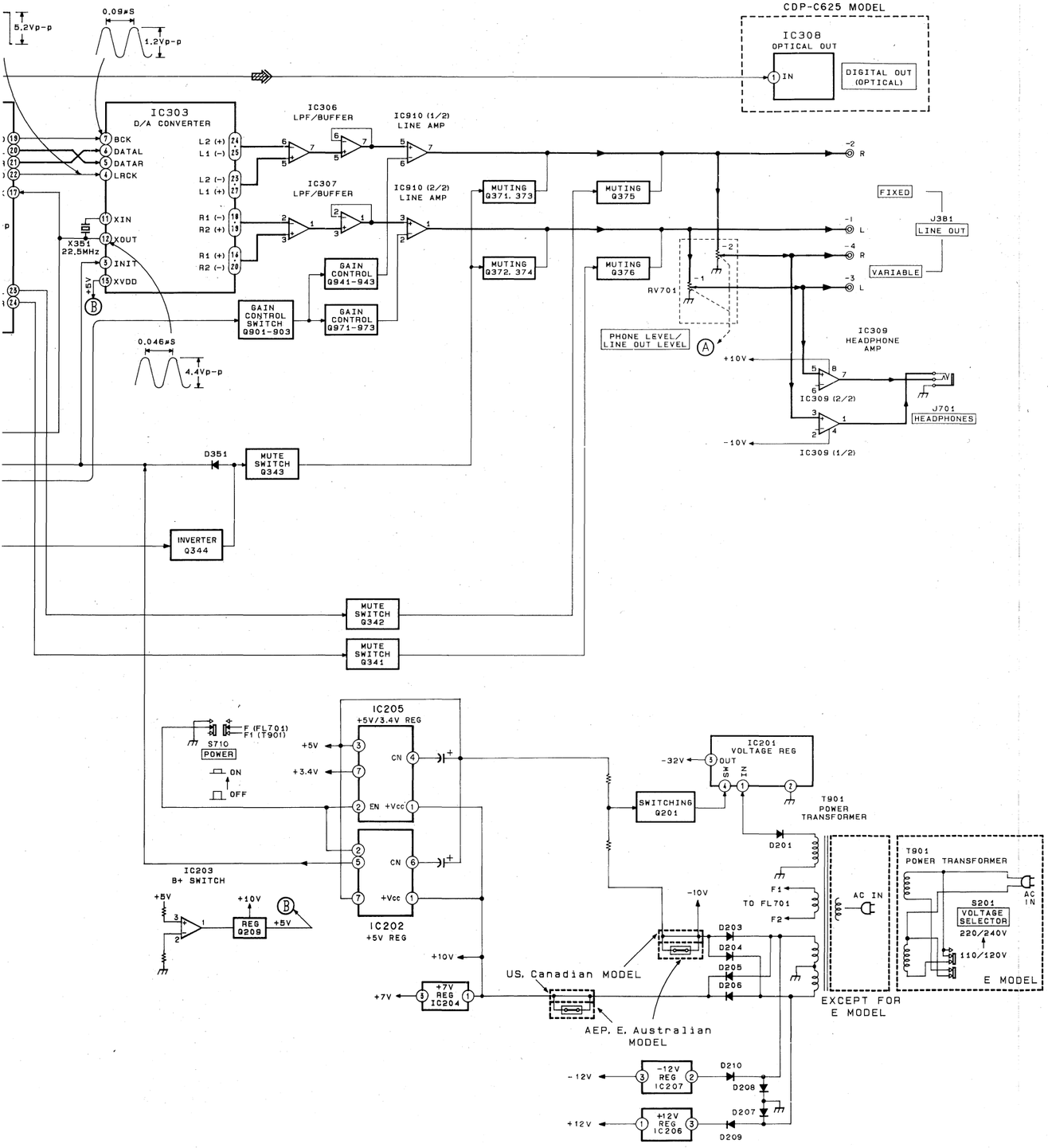


4-4. BLOCK DIAGRAMS


DISC
OBJECT LENS
GRATING
LASER DIODE
BSP
PHOTO DETECTOR E F PD LD
RF AMP WITH PHOTO DETECTOR IC200
RFO TE FE LDON
OPTICAL PICK-UP BLOCK KSS240A
1.4Vp-p
PLAY MODE
2.5V
APPROX 160mVp-p PLAY MODE
APPROX 40mVp-p PLAY MODE
IC101 SIGNAL SERVO PROCESSOR
RF SE TE FE SFDR FFDR TRDR SSTP
FOK MIRR SENS LOCK DATA XLT CLK XRST COUT
+5V
S101 LIMIT SW
FOCUS COIL
TRACKING COIL
M101 SLED MOTOR
M102 SPINDLE MOTOR
IC102 MOTOR DRIVE
IC301 DIGITAL SIGNAL PROCESSOR/ CLV SERVO
RF FOK MIRR SEIN LOCK DATA XLT CLK XRST MDT GFS SCOR SQSO (SUBQ) SQCK DATA CLK XLT SENSE MUTE
DOUT 64DATA 64LRCK 64BCLK FILO FILI PCO CLTV XPLCK XTAI
DIGITAL PLL
IC904 FILTER/BUFFER
PCK
DATO XLTO CLKO XRST CNIN MDT GFS SCOR SQSO SQCK DATA CLK XLT SENSE MUTE
IC401 FL DRIVE/SYSTEM CONTROL
LDON LOD OUT LOD IN DOWN SW OUT SW UP SW RIMO.IN TBL SENS TBL L TBL R DISPLAY DRIVE OUT KEY3 G1
M702 LOADING MOTOR
IC402 (2/3) LODING MOTOR DRIVE
S701 DOWN SW
S702 OPEN UP
IC701 or IC801 REMOTE DETECTOR
D701 TABLE SENSOR
M701 TABLE MOTOR
IC402 (1/3) TABLE MOTOR DRIVE
FL701 FLUORESCENT INDICATOR TUBE
S801-S808 DSP FUNCTION SWITCH
Q401 SWITCH
-32V
D801 HALL
D802 CHURCH
D803 JAZZ CLUB
D804 STADIUM
D805 DISCO
D806 LIVE ROOM
D807 BGM
LED. HALL LED. CRCH LED. JAZZ LED. STUD LED. DISCO LED. LIVE LED. BGM
CDP-C625 MODEL
DSP. LT RESET FOK GFS SCOR SUB Q SQ CK DATA CLK XLT SENSE KEY KEY4 LATCH KEY1 KEY2
S728-S738 DISPLAY FUNCTION SWITCH
S701-S709 POWER FUNCTION SWITCH
S470-S486 FUNCTION SWITCH
IC402 (3/3) RV MOTOR DRIVE
VOL MOTOR
RV- RV+ RV LED
(VOLUME POINT)
INCLUDE RV701
PHONE LEVEL/ LINE OUT LEVEL
DSP. G1 DSP. G2 DSP. G3

AMS


OBJECT LENS
TING
LASER DIODE
PD
LD
RFO
TE
FE
LDON
1.4Vp-p
PLAY MODE
2.5V
APPROX 160mVp-p PLAY MODE
2.5V
APPROX 40mVp-p PLAY MODE
IC101 SIGNAL SERVO PROCESSOR
RF
SE
TE
FE
SFDR
FFDR
TRDR
FOK
MIRR
SENS
LOCK
DATA
XLT
CLK
XRST
COUT
SSTP
+5V
S101 LIMIT SW
FOCUS COIL
TRACKING COIL
IC102
MOTOR DRIVE
M101 SLED MOTOR
M102 SPINDLE MOTOR
IC301
DIGITAL SIGNAL PROCESSOR/ CLV SERVO
DOUT
64DATA
64LRCK
64BCLK
FILO
FILI
PCO
CLTV
DIGITAL PLL
XPLCK
PCK
XTAI
RF
FOK
MIRR
SEIN
LOCK
DATO
XLTO
CLKO
XRST
CNIN
MDT
GFS
SCOR
SQSO (SUBQ)
SQCK
DATA
CLK
XLT
SENSE
MUTE
IC904
FILTER/BUFFER
IC901
DIGITAL SIGNAL PROCESSOR/ EQUALIZER
DATAI
LRCKI
BCKI
INIT
DATAO
BCKO
LRCKO
I/O1
I/O2
A0
A7
PRGD(DATA)
PRGCK(CLK)
PRGL
XIN
0.046μS
2.4Vp-p
IC902
D-RAM
DQ1
DQ4
CAS
WE
RAS
IC302
DIGITAL FILTER
DATAI
BCKI
LRCKI
INIT
INVO
INV1
128FS
STSM
ATT (DATA)
SHIFT (CLK)
LATCH
BCKO
DL
DR
LRCKO
MCLK
FLGL
FLGR
5.2Vp-p
2.85μS
0.18μS
5.3Vp-p
0.09μS
1.2Vp-p
IC303
D/A CONVERTER
BCK
DATAL
DATAR
LRCK
XIN
XOUT
INIT
XVDD
L2 (+)
L1 (−)
L2 (−)
L1 (+)
R1 (−)
R2 (+)
R1 (+)
R2 (−)
X351 22.5MHz
0.046μS
4.4Vp-p
IC306 LPF/BUFFER
IC307 LPF/BUFFER
IC910 (1/2) LINE AMP
IC910 (2/2) LINE AMP
MUTING Q371, 373
MUTING Q372, 374
MUTING Q375
MUTING Q376
RV701
PHONE LEVEL/ LINE OUT LEVEL
GAIN CONTROL Q941-943
GAIN CONTROL Q971-973
GAIN CONTROL SWITCH Q901-903
D351
MUTE SWITCH Q343
INVERTER Q344
MUTE SWITCH Q342
MUTE SWITCH Q341
IC205
+5V/3.4V REG
F (FL701)
F1 (T901)
S710
POWER
ON
OFF
+5V
+3.4V
CN
EN +Vcc
-32V
SWITCHING Q201
IC203
B+ SWITCH
REG Q209
IC202
+5V REG
+10V
-10V
+7V REG IC204
US, Canadian MODEL
AEP, E, Australian MODEL
-12V REG IC207
+12V REG IC206
IC401
FL DRIVE/SYSTEM CONTROL
LDON
IC402 (2/3) LODING MOTOR DRIVE
LOD OUT
LOD IN
DOWN SW
S702
OPEN
UP
OUT SW
UP SW
RIMO.IN
TBL SENS
IC402 (1/3) TABLE MOTOR DRIVE
TBL L
TBL R
DISPLAY DRIVE OUT
KEY3
G1
LED. HALL
LED. CRCH
LED. JAZZ
LED. STUD
LED. DISCO
LED. LIVE
LED. BGM
DSP. LT
RESET
FOK
GFS
SCOR
SUB Q
SQ CK
DATA
CLK
XLT
SENSE
KEY
MUTE
KEY4
LATCH
KEY1
KEY2
S728-S738 DISPLAY FUNCTION SWITCH
S701-S709 POWER FUNCTION SWITCH
S470-S486 FUNCTION SWITCH
IC402 (3/3) RV MOTOR DRIVE
VOL MOTOR
RV-
RV+
RV LED
(VOLUME POINT)
(INCLUDE RV701)
DSP. G1
DSP. G2
DSP. G3
PHONE LEVEL/ LINE OUT LEVEL
+5V


CDP-C625 MODEL
IC308
OPTICAL OUT
IN
DIGITAL OUT (OPTICAL)
IC303
D/A CONVERTER
BCK
DATAL
DATAR
LRCK
XIN
XOUT
INIT
XVDD
X351 22.5MHz
+5V
L2 (+)
L1 (−)
L2 (−)
L1 (+)
R1 (−)
R2 (+)
R1 (+)
R2 (−)
IC306 LPF/BUFFER
IC307 LPF/BUFFER
IC910 (1/2) LINE AMP
IC910 (2/2) LINE AMP
MUTING Q371, 373
MUTING Q372, 374
MUTING Q375
MUTING Q376
GAIN CONTROL Q941-943
GAIN CONTROL Q971-973
GAIN CONTROL SWITCH Q901-903
RV701
PHONE LEVEL/ LINE OUT LEVEL
FIXED
VARIABLE
J381 LINE OUT
IC309 HEADPHONE AMP
IC309 (2/2)
IC309 (1/2)
J701 HEADPHONES
+10V
−10V
0.09μS
5.2Vp-p
1.2Vp-p
0.046μS
4.4Vp-p
D351
MUTE SWITCH Q343
INVERTER Q344
MUTE SWITCH Q342
MUTE SWITCH Q341
IC205
+5V/3.4V REG
S710
POWER
ON
OFF
F (FL701)
F1 (T901)
+5V
+3.4V
IC203
B+ SWITCH
REG Q209
IC202
+5V REG
IC201
VOLTAGE REG
−32V
SWITCHING Q201
T901
POWER TRANSFORMER
D201
F1
F2
TO FL701
AC IN
S201
VOLTAGE SELECTOR
220/240V
110/120V
E MODEL
EXCEPT FOR E MODEL
D203
D204
D205
D206
US, Canadian MODEL
AEP, E, Australian MODEL
+7V REG IC204
−12V REG IC207
+12V REG IC206
D210
D208
D207
D209
−12V
+12V
+7V

4-5. PRINTED WIRING BOARDS

- **Refer to page 10 for Semiconductor Lead Layouts.**
- **Refer to page 11 for IC BLOCK Diagrams.**

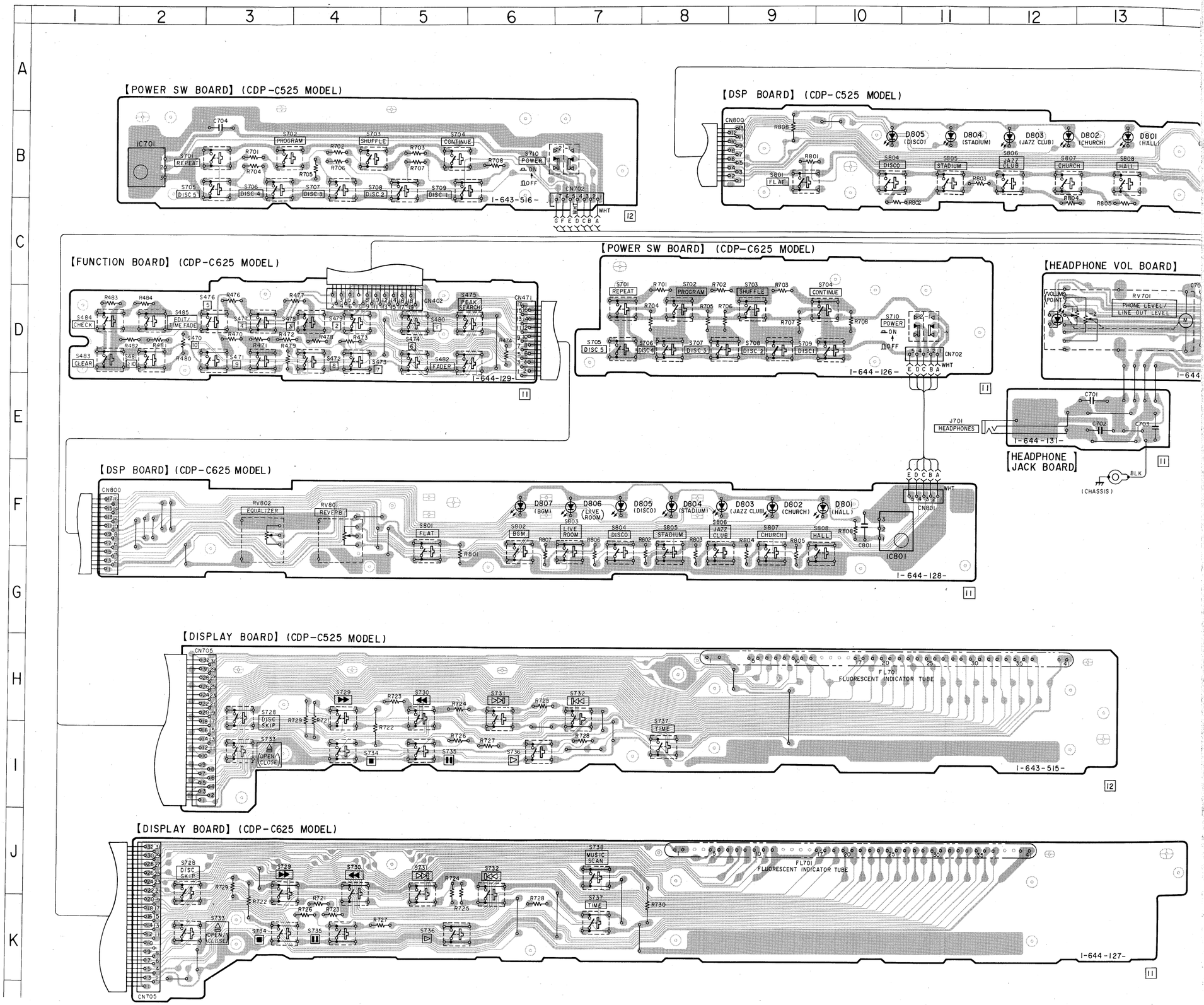
- **Semiconductor Location**

Ref.No.	Location
D201	F-25
D202	F-25
D203	E-25
D204	E-25
D205	F-25
D206	E-24
D207	H-25
D208	G-25
D209	H-25
D210	G-25
D351	J-22
D701	I-31
D801(C525)	B-13
D802(C525)	B-13
D803(C525)	B-12
D804(C525)	B-11
D805(C525)	B-11
D801(C625)	F-10
D802(C625)	F-9
D803(C625)	F-9
D804(C625)	F-8
D805(C625)	F-8
D806(C625)	F-7
D807(C625)	F-6
IC101	D-30
IC102	C-30
IC201	F-24
IC202	F-23
IC203	F-21
IC204	F-24
IC205	G-20
IC206	H-24
IC207	G-24
IC301	I-18
IC302	I-21
IC303	H-22
IC306	J-23
IC307	J-23
IC308	H-27
IC309	E-21
IC401	F-18
IC402	E-19
IC701	B-2
IC801	F-11
IC901	H-19
IC902	H-20
IC904	J-19
IC910	J-24
Q201	G-24
Q209	G-22
Q341	K-22
Q342	K-22
Q343	K-22
Q344	J-22
Q371	I-25
Q372	J-26
Q373	I-26
Q374	J-26
Q375	I-26
Q376	J-26
Q401	E-16
Q901	H-24
Q902	H-25
Q903	H-25
Q941	I-25
Q942	I-25
Q943	I-25
Q971	J-25
Q972	J-25
Q973	J-25

Note on Mounting Diagram:

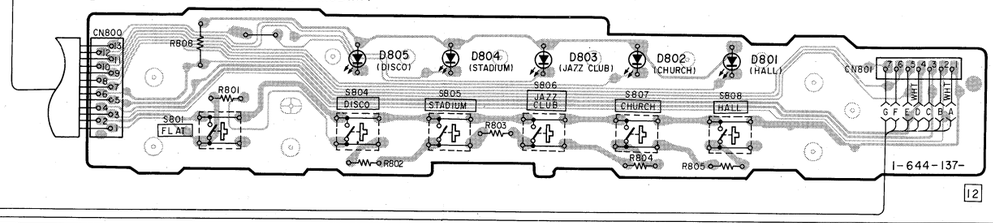
Note:

- ○— : parts extracted from the component side.
- ● : Through hole.
- ▒▒ : Pattern on the side which is seen.
- ▒▒ : Pattern of the rear side.



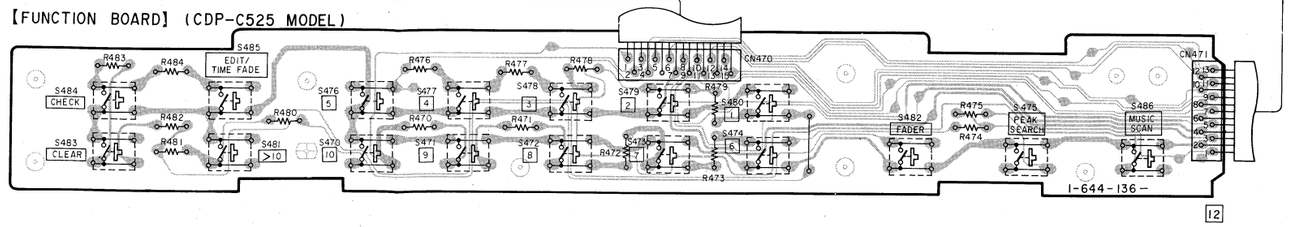
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

【DSP BOARD】 (CDP-C525 MODEL)



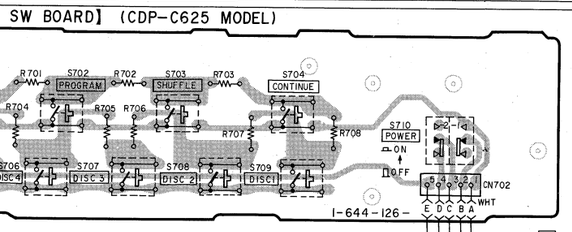
12

【FUNCTION BOARD】 (CDP-C525 MODEL)



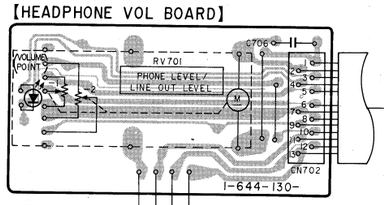
12

【SW BOARD】 (CDP-C625 MODEL)



11

【HEADPHONE VOL BOARD】



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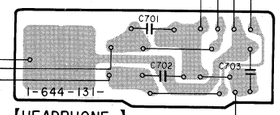


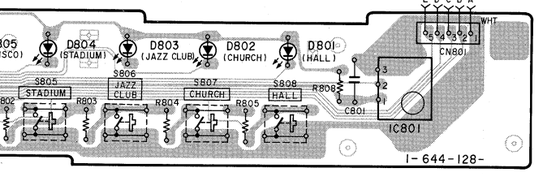
【HEADPHONE JACK BOARD】

J701 HEADPHONES

BLK

(CHASSIS)

11



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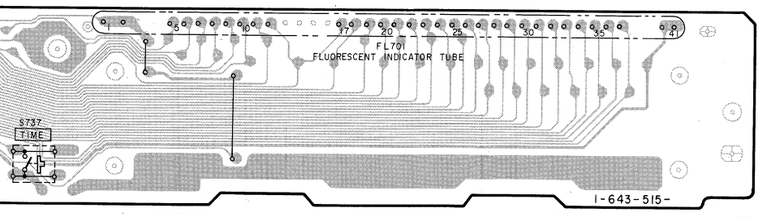

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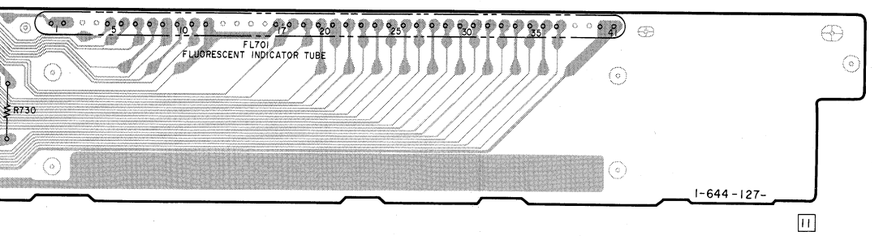
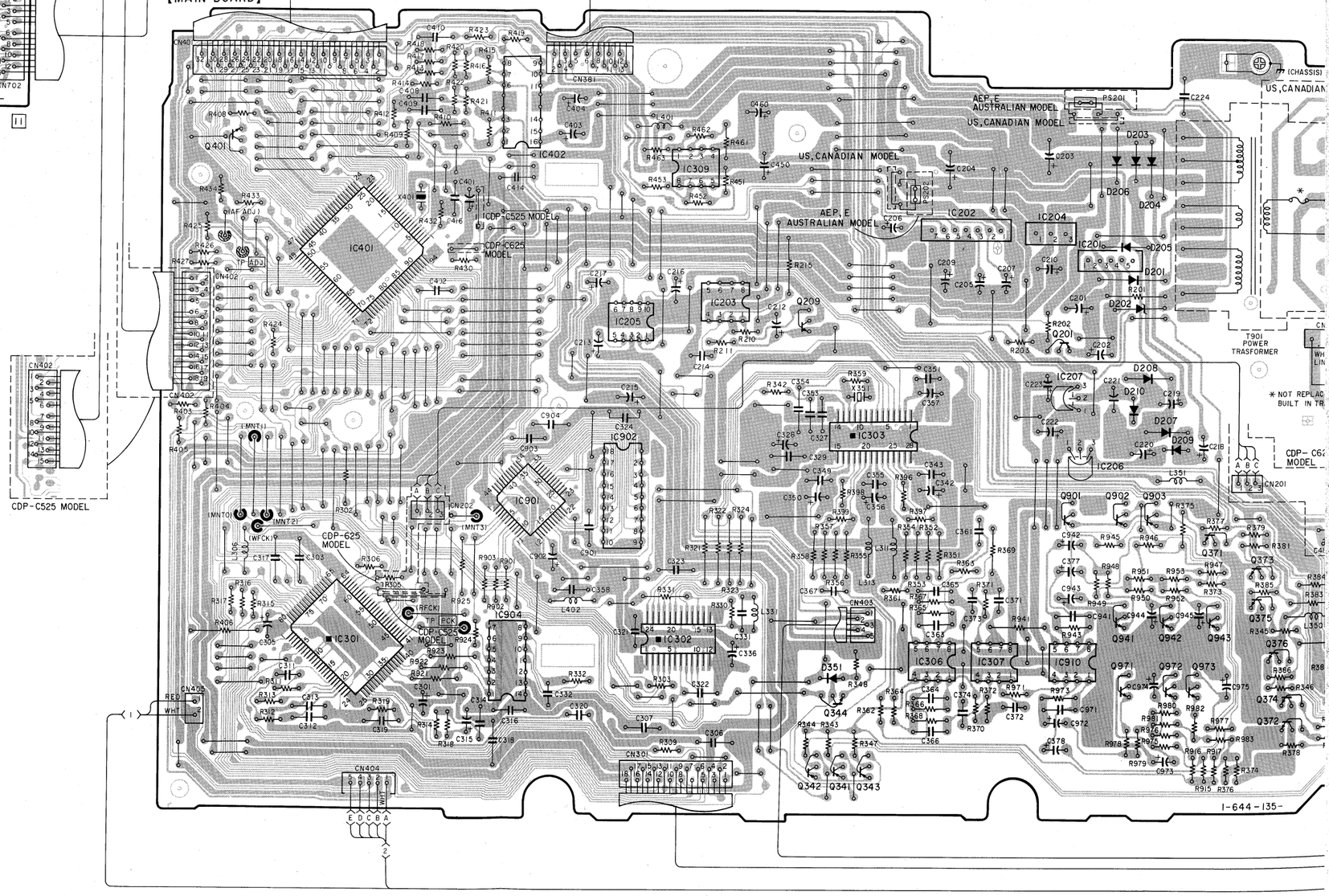
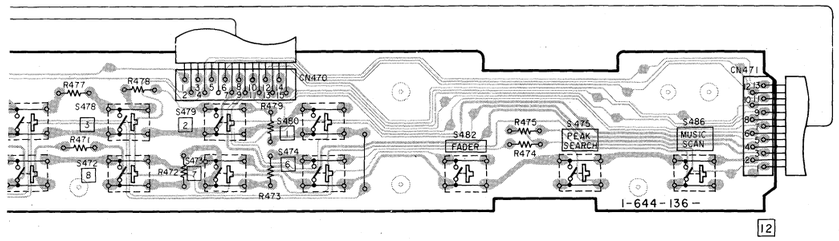
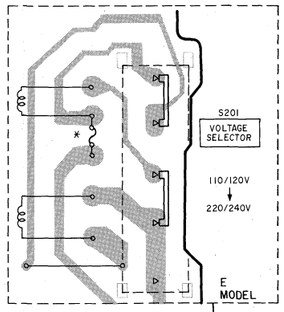


11

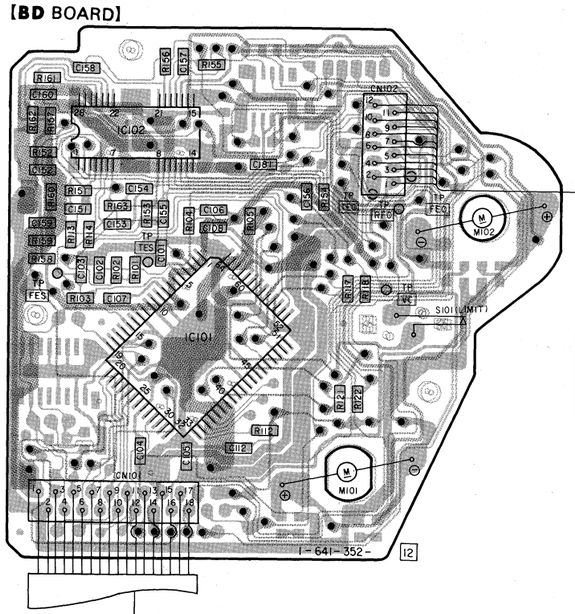
【MAIN BOARD】

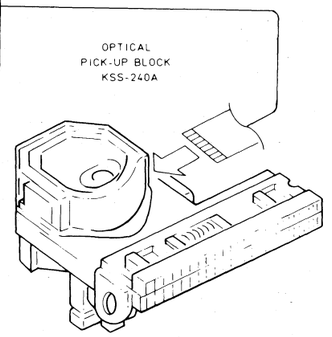


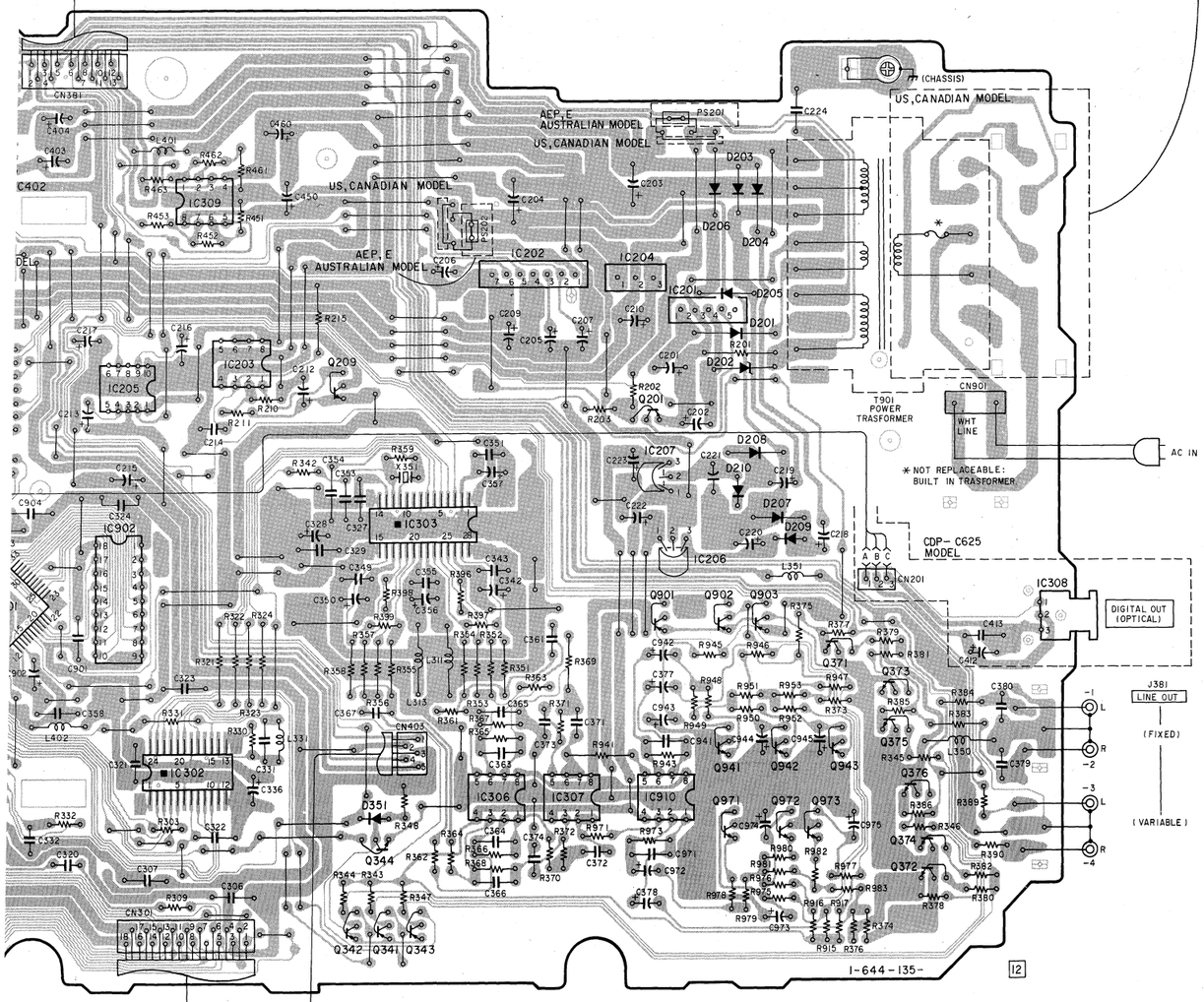




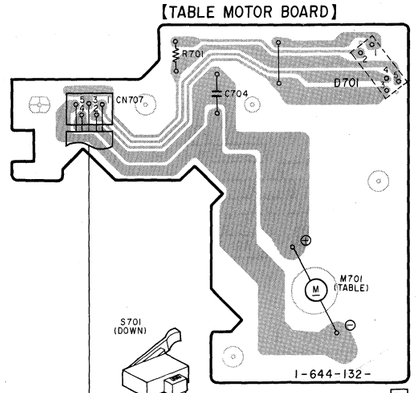
【BD BOARD】



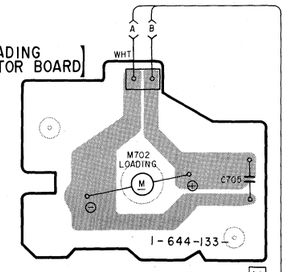




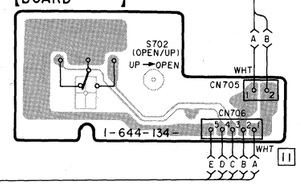
【TABLE MOTOR BOARD】

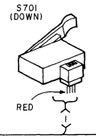


【LOADING MOTOR BOARD】



【OPEN/UP SW BOARD】





4-6. SCHEMATIC DIAGRAM

- **Refer to page 10 for Semiconductor Lead Layouts.**
- **Refer to page 11 for IC BLOCK Diagrams.**

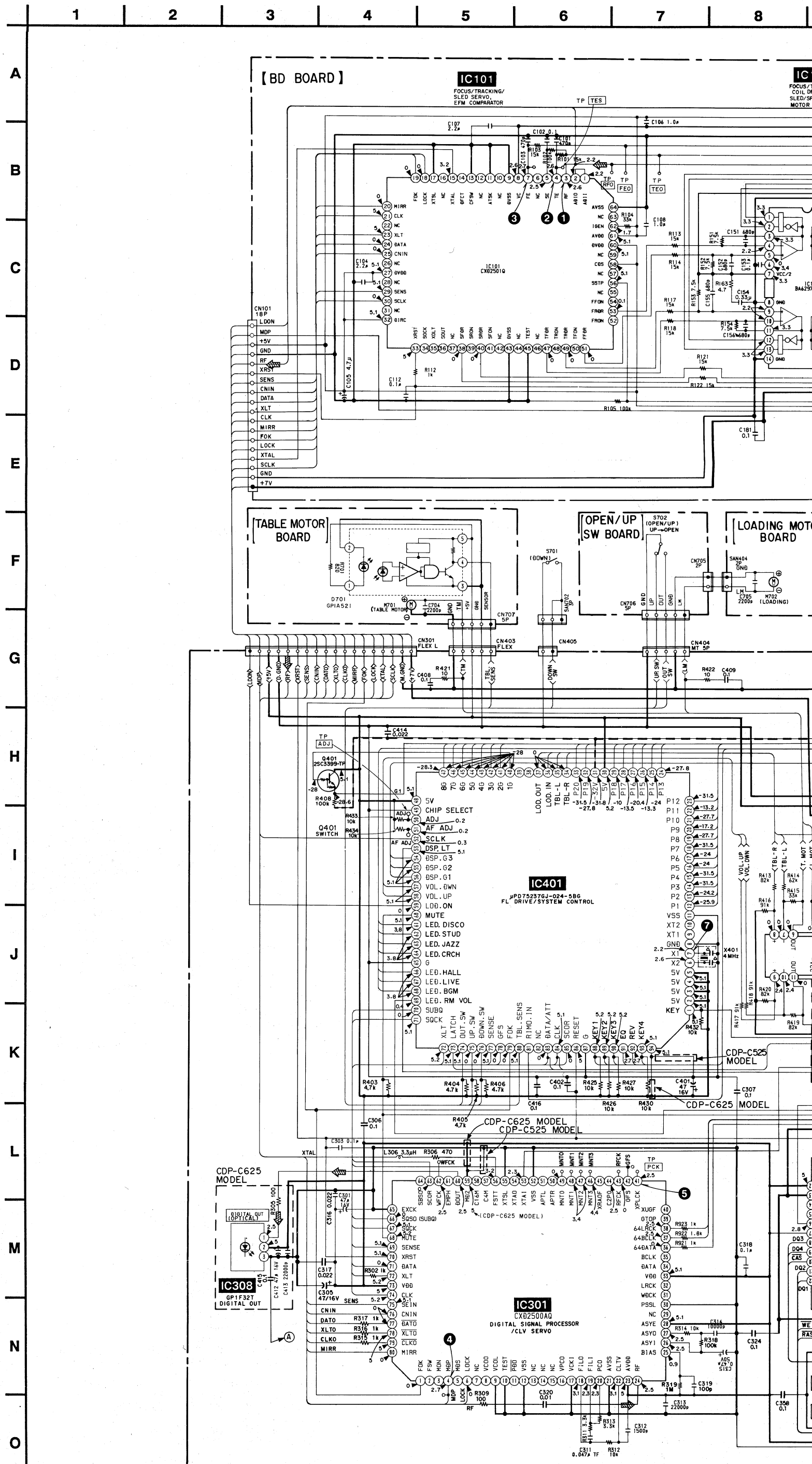
Note on Schematic Diagram:

Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.

Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safty. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

- ——— : B+ line
- - - - : B– line
- ▭ : adjustment for repair.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- Voltages are taken with a VOM (Input Impedance 10 MΩ) Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : CD



IC102
FOCUS/TRACKING COIL DRIVE, SLED/SPINDLE MOTOR DRIVE

IC102 BA6297FP-T1

M102 (SPINDLE)
M101 (SLED)
S101 LIM. SW

CN102 12P

IC200 M52103FP
IC200 DETECTOR/RF AMP

OPTICAL PICK-UP BLOCK
⚠ (KSS-240A)

【 POWER SW BOARD 】
(PLAY MODE)
IC701 SBX1610-59 REMOCON DETECTOR
CN702
S710 POWER
S705 DISC5, S706 DISC4, S707 DISC3, S708 DISC2, S709 DISC1, S704 CONTINUE, S703 SHUFFLE, S702 PROGRAM, S701 REPEAT
R704 680, R705 750, R706 820, R707 1k, R708 1.3k, R703 1.5k, R702 1.8k, R701 2.2k
C704 0.022
SW, F, F1, RIMO. IN, KEY

CDP-C525 MODEL

【 POWER SW BOARD 】
(PLAY MODE)
CN702
S710 POWER
S705 DISC5, S706 DISC4, S707 DISC3, S708 DISC2, S709 DISC1, S704 CONTINUE, S703 SHUFFLE, S702 PROGRAM, S701 REPEAT
R704 680, R705 750, R706 820, R707 1k, R708 1.3k, R703 1.5k, R702 1.8k, R701 2.2k
SW, F, F1, KEY

CDP-C625 MODEL

【 DISPLAY BOARD 】
FL701 FLUORESCENT INDICATOR
ALL 1 DISCS
SHUFFLE
PROGRAM
REPEAT 1

【 DSP BOARD 】
D801-807 SEL2810A-C-TP
IC801 SBX1610-59 REMOCON DETECTOR
C801 0.022
CN801
SW, F, F1, KEY, RIMO. IN
S808, S807, S806, S805, S804
HALL, CHURCH, JAZZ CLUB, STADIUM, DISCO

CDP-C525 MODEL

【 LOADING MOTOR BOARD 】
SAN404 2P GND
LM C705 2200p
M702 (LOADING)

CDP-C625 MODEL
CN401, CN402
G8 G7 G6 G5 G4 G3 G2 G1 P19 P18 P17 P16 P15 P14 P13 P12 P11 P10 P9 P8 P7 P6 P5 P4 P3 P2 P1 KEY F
REV EQ LED BBK LED LIVE KEY4 RIMO. IN LED HALL LED CHCH F1 F SW LED JAZZ LED STUD LED DISCO KEY3 KEY2 KEY1

Q901-903 GAIN CONTROL SWITCH

IC402 TABLE, LOADING, VOL MOTOR DRIVE
IC402 CXA1291P
VOL. UP, VOL. DWN, TBL-R, TBL-L, T. MOT, L. MOT, LOD. OUT, LOD. IN
X401 4MHz
LED, LED +5V, MGND
M+

IC302 DIGITAL FILTER
IC302 CX02560
DATA, CLK, LATCH, RESET, BCK, DATA, LRCK

IC303 D/A CONVERTER
IC303 CX02561
X351 22.5MHz

IC306 LINE AMP

MUTING
Q342 2SA1345-TP, Q341 2SA1345-TP, Q343 2SA1345-TP

IC901 CX02701Q
IC901 PROGRAMABLE DIGITAL SIGNAL PROCESSOR, EQUALIZER

IC902 CAT24C44-10RS
IC902 D-RAM

IC904 TC74HCU04AP
IC904 INITIAL RESET, INVERTER

IC203 REF VOLTAGE

IC204 +7V REG.
IC204 M5F7807

IC205 +5V/+3.4V REG.
IC205 LA5601

IC202 LA5602 +5V REG

Q209 +5V REG.
Q209 2SC1815

IC206 NJM78L12 +12V REG.
IC207 NJM79L12 -12V REG.

T901 POWER TRANSFORMER
⚠ *NOT REPLACEABLE: BUILT IN TRASFORMER.

PS201 LCP-N20 SWITCH
D203-206 RECT

US, CANADIAN MODEL
AEP, E, AUSTRALIAN MODEL
US, CANADIAN, AEP AUSTRALIAN MODEL

C201 -32V REG.

17 18 19 20 21 22 23 24 25 26 27

【 DISPLAY BOARD 】

FL701 FLUORESCENT INDICATOR TUBE

ALL 1 DISCS (1) (2) (3) (4) (5) LINK EDIT A-B

HOUR PEAK MIN STEP SEC

SHUFFLE PROGRAM REPEAT 1

TIME FADE

1 2 3 4 5 / 6 7 8 9 10 / 11 12 13 14 15 / 16 17 18 19 20

S732 DISC SKIP S728 S734 S735 S736 TIME S737

R729 1.3k R722 1.5k R726 1.8k R727 2.2k R728 2.7k

R721 1k R723 820 R725 680 R724 750 R730 3.9k

S733 S729 S731 S730 S738 MUSIC SCAN

OPEN/CLOSE

CN705

CDP-C625 MODEL

【 DSP BOARD 】

IC801 SBX1610-59 REMOCON DETECTOR

C801 0.022

CN801 SW F F1 KEY

RIMO. IN

D801-807 SEL2810A-C-TP

D801 (HALL) D802 (CHURCH) D803 (JAZZ CLUB) D804 (STADIUM) D805 (DISCO) D806 (LIVE ROOM) D807 (BGM)

R808 220

CDP-C625 MODEL

R805 1.3k R804 1k R803 820 R802 750 R801 680

R806 1.5k R807 1.8k

RV801 10k EQUALIZER RV802 10k REVERB

S808 S807 S806 S805 S804 S801 S802 S803

HALL CHURCH JAZZ CLUB STADIUM DISCO FLAT BGM LIVE ROOM

(DIGITAL SIGNAL PROCESSOR)

CN800

CDP-C625 MODEL

CDP-C525 MODEL

【 FUNCTION BOARD 】

CN471

S485 EDIT/TIME FADE CHECK CLEAR FADER

R484 2.7k R483 2.2k R482 1.8k

S481 S480 S479 S478 S477 S476

R481 1.5k R480 1.3k R479 1k R478 820 R477 750 R476 680

S486 MUSIC SCAN S475 S474 S473 S472 S471 S470

R475 1.5k R474 1.3k R473 1k R472 820 R471 750 R470 680

CN402 REV EQ RIMO. IN KEY3 KEY2 KEY1

CN470

CDP-C625 MODEL

CDP-C525 MODEL

Q901-903 GAIN CONTROL SWITCH

Q941-943 GAIN CONTROL

Q371-376 MUTING

IC306 LINE AMP

IC307 LINE AMP

IC910 AMP

IC309 HEADPHONE AMP

IC206 NJM78L12 +12V REG.

IC207 NJM79L12 -12V REG.

IC201 M5293L -32V REG.

MUTING

Q971-973 GAIN CONTROL

T901 POWER TRANSFORMER

J381 LINE OUT

(VARIABLE) (FIXED)

H.P.R H.P.G H.P.L RIN ROUT GND GND LOUT LIN LED LED +5V MGND M+

CN381 FLEX 15P

L401

R424 330

S201 VOLTAGE SELECTOR 220/240V 110/120V

CN901 2P AC IN

*NOT REPLACEABLE: BUILT IN TRASFORMER.

US, CANADIAN, AEP AUSTRALIAN MODEL

E MODEL

D203-206 RECT US, CANADIAN MODEL

【 HEADPHONE JACK BOARD 】

CN702

J701 HEADPHONES

C702 560p C703 0.01 C701 560p

C706 22000p

RV701 10k PHONE LEVEL/ LINE OUT LEVEL

【 HEADPHONE VOL BOARD 】

FL701 FLUORESCENT INDICATOR TUBE

1G 2G 3G 4G 5G 6G 7G 8G

1 2 3 4 5 / 6 7 8 9 10 / 11 12 13 14 15 / 16 17 18 19 20

LINK EDIT A-B TIME FADE

(5) STEP SEC (4) MIN (3) PEAK (2) HOUR (1)

ALL 1DISCS SHUFFLE PROGRAM REPEAT 1

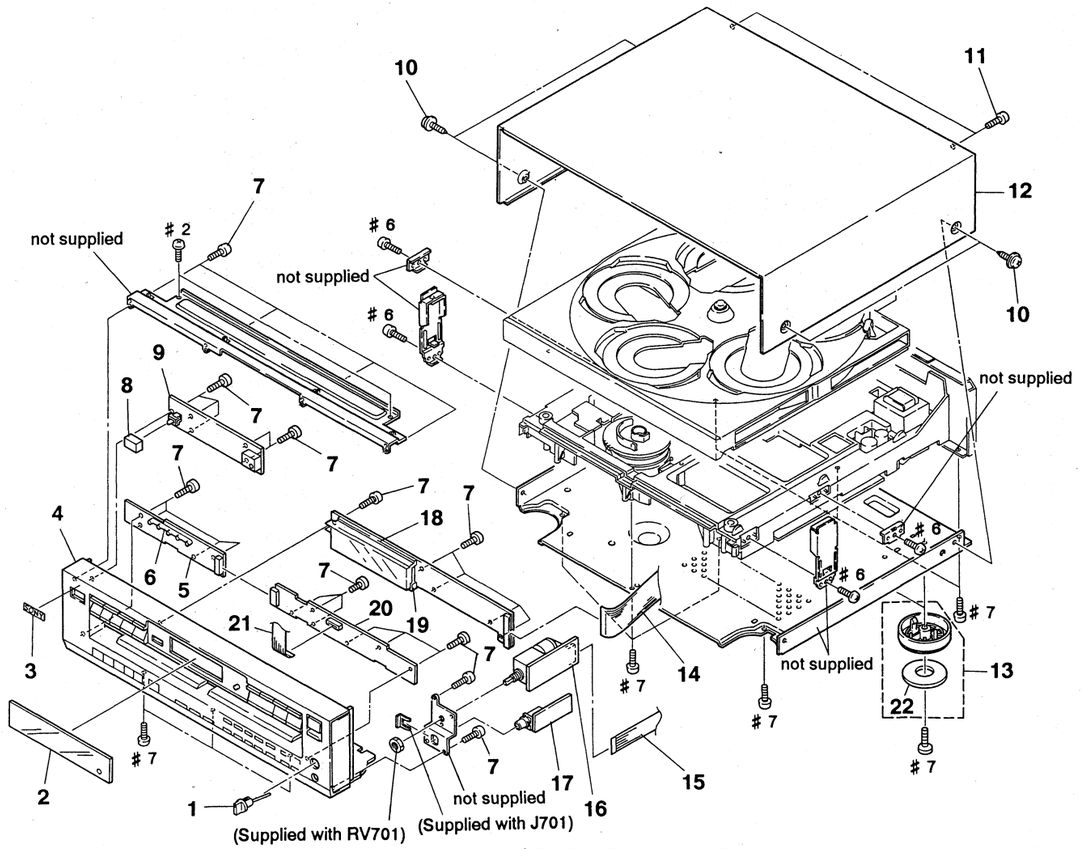
1 5 10 15 20 25 30 35 41

SECTION 5
EXPLODED VIEWS

NOTE:
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ Parts color ↑ Cabinet's color
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list is given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

5-1. FRONT PANEL AND CASE ASSEMBLIES (CDP-C525 model)



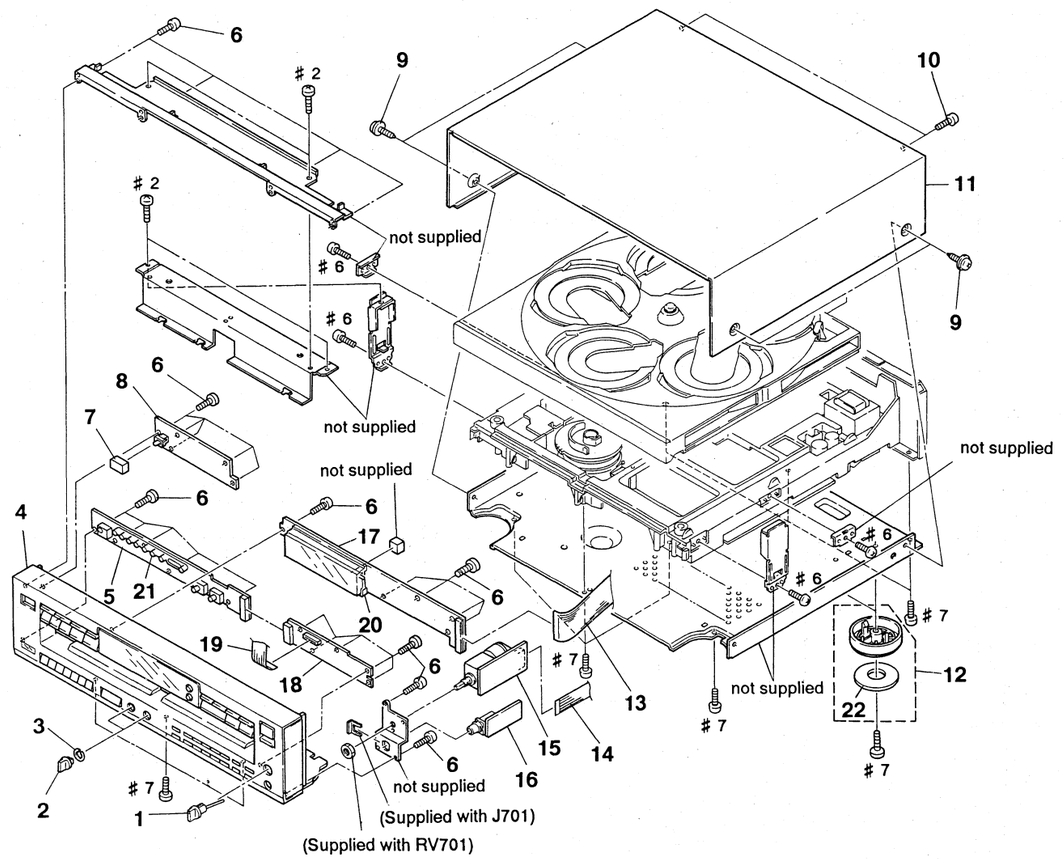
Ref. No.	Part No.	Description	Remark
1	A-4660-105-A	KNOB (HP) ASSY	
2	4-950-862-01	PLATE (FL), INDICATION	
3	4-925-334-11	EMBLEM (5-A), SONY (AEP, E, Australian)	
4	X-4942-482-1	PANEL ASSY, FRONT (US, Canadian)	
4	X-4942-483-1	PANEL ASSY, FRONT (AEP, E, Australian)	
* 5	1-644-137-11	DSP BOARD	
* 6	4-950-865-01	HOLDER (LED)	
7	4-951-620-01	SCREW (2.6X8), +BVTP	
8	4-922-921-01	BUTTON (POWER)	
* 9	1-643-516-11	POWER SW BOARD	
10	3-704-366-01	SCREW (CASE) (M3X8)	
11	3-703-685-21	SCREW (+BV 3X8)	
* 12	4-944-153-01	CASE	
13	X-4942-197-1	FOOT ASSY (US, Canadian)	
13	X-4942-198-1	FOOT ASSY (AEP, E, Australian)	
14	1-690-933-11	WIRE (FLAT TYPE) (32 CORE)	
15	1-690-934-11	WIRE (FLAT TYPE) (13 CORE)	
* 16	1-644-130-11	HEADPHONE VOLUME BOARD	
* 17	1-644-131-11	HEADPHONE JACK BOARD	
* 18	1-643-515-11	DISPLAY BOARD	
* 19	4-950-864-01	HOLDER (FL)	
* 20	A-4649-296-A	FUNCTION BOARD, COMPLETE	
21	1-690-932-11	WIRE (FLAT TYPE) (15 CORE)	
22	4-923-836-11	CUSHION	

SECTION 5
EXPLODED VIEWS

NOTE:
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ Parts color ↑ Cabinet's color
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list is given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

5-1. FRONT PANEL AND CASE ASSEMBLIES (CDP-C625 model)



Ref. No.	Part No.	Description	Remark
1	A-4660-105-A	KNOB (HP) ASSY	
2	4-944-154-01	KNOB (DSP)	
3	3-354-981-01	SPRING (SUS), RING	
4	X-4942-669-1	PANEL ASSY, FRONT	
* 5	1-644-128-11	DSP BOARD	
6	4-951-620-01	SCREW (2.6X8), +BVTP	
7	4-922-921-01	BUTTON (POWER)	
* 8	1-644-126-11	POWER SW BOARD	
9	3-704-366-01	SCREW (CASE) (M3X8)	
10	3-703-685-21	SCREW (+BV 3X8)	
* 11	4-944-153-01	CASE	
12	X-4942-197-1	FOOT ASSY	
13	1-690-933-11	WIRE (FLAT TYPE) (32 CORE)	
14	1-690-934-11	WIRE (FLAT TYPE) (13 CORE)	
* 15	1-644-130-11	HEADPHONE VOLUME BOARD	
* 16	1-644-131-11	HEADPHONE JACK BOARD	
* 17	1-644-127-11	DISPLAY BOARD	
* 18	1-644-129-11	FUNCTION BOARD	
19	1-690-931-11	WIRE (FLAT TYPE) (19 CORE)	
* 20	4-950-864-01	HOLDER (FL)	
* 21	4-952-230-01	HOLDER (LED)	
22	4-923-836-11	CUSHION	

Ref. No.	Part I
51	4-926
* 52	4-926
* 53	1-452
* 54	4-949
* 55	4-930
56	1-590
57	4-926

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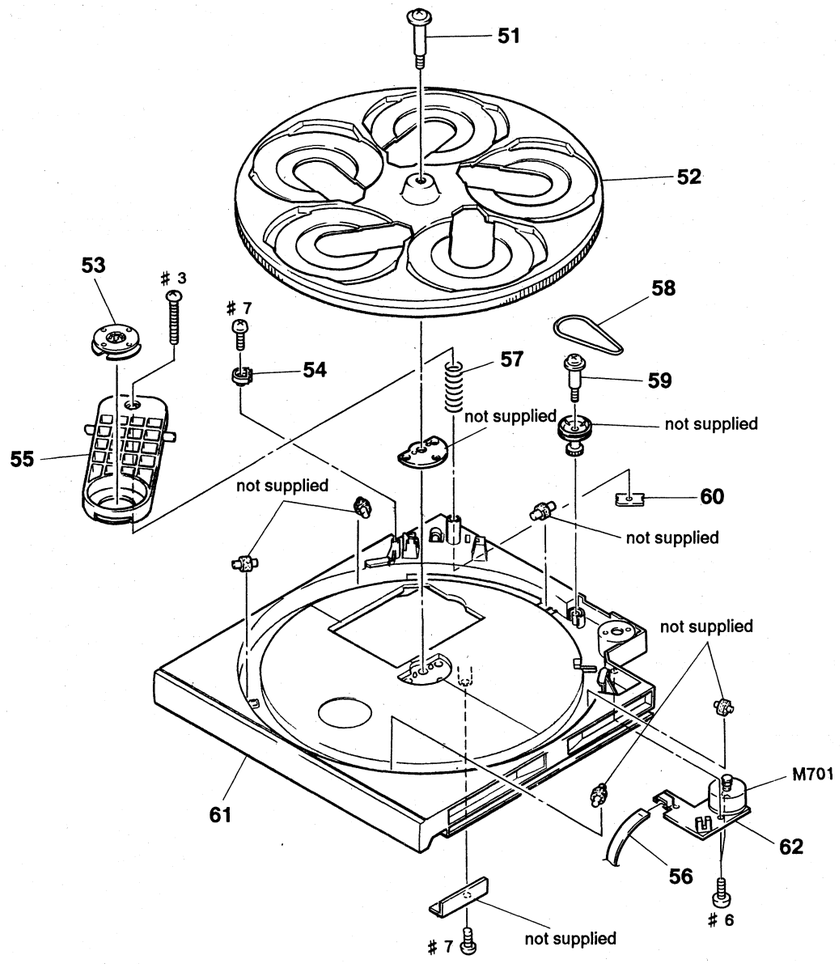
5-2. DISC TRAY ASSEMBLY



Remark

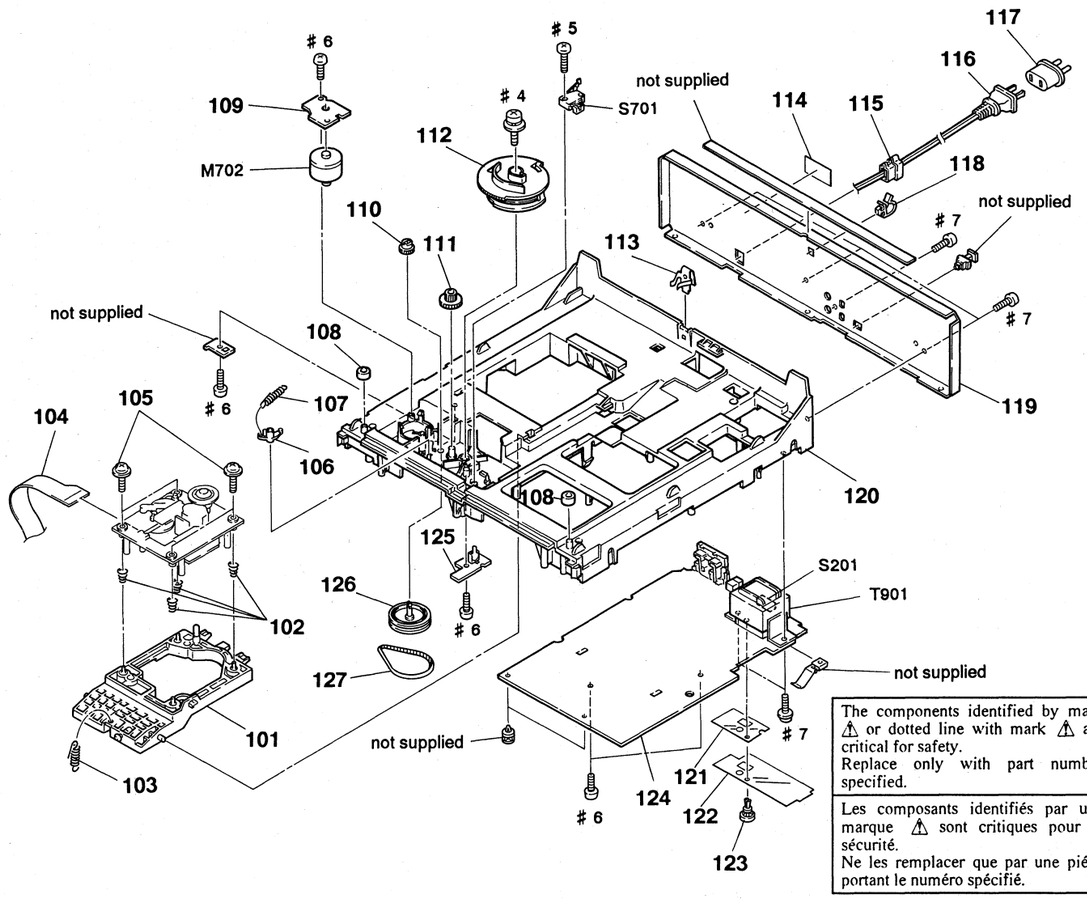
Ref. No.	Part No.	Description
51	4-926-384-01	SCREW, STEP
* 52	4-926-383-01	TABLE (B), DISK
* 53	1-452-538-11	MAGNET
* 54	4-949-226-01	PLATE, LOCK
* 55	4-930-506-02	BRACKET (PRESS PULLEY)
56	1-590-849-11	WIRE, FLAT TYPE (5 CORE)
57	4-926-395-01	SPRING, COMPRESSION

Remark

Ref. No.	Part No.	Description
58	4-926-399-01	BELT
59	4-923-597-01	SCREW, STEP
* 60	4-926-388-01	BRACKET (ADJUSTMENT)
61	4-950-866-01	TABLE (A), DISK
* 62	1-644-132-11	TABLE MOTOR BOARD
M701	A-4604-585-A	MOTOR ASSY, ROTARY (TABLE)

Remark

5-3. CHASSIS ASSEMBLY



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

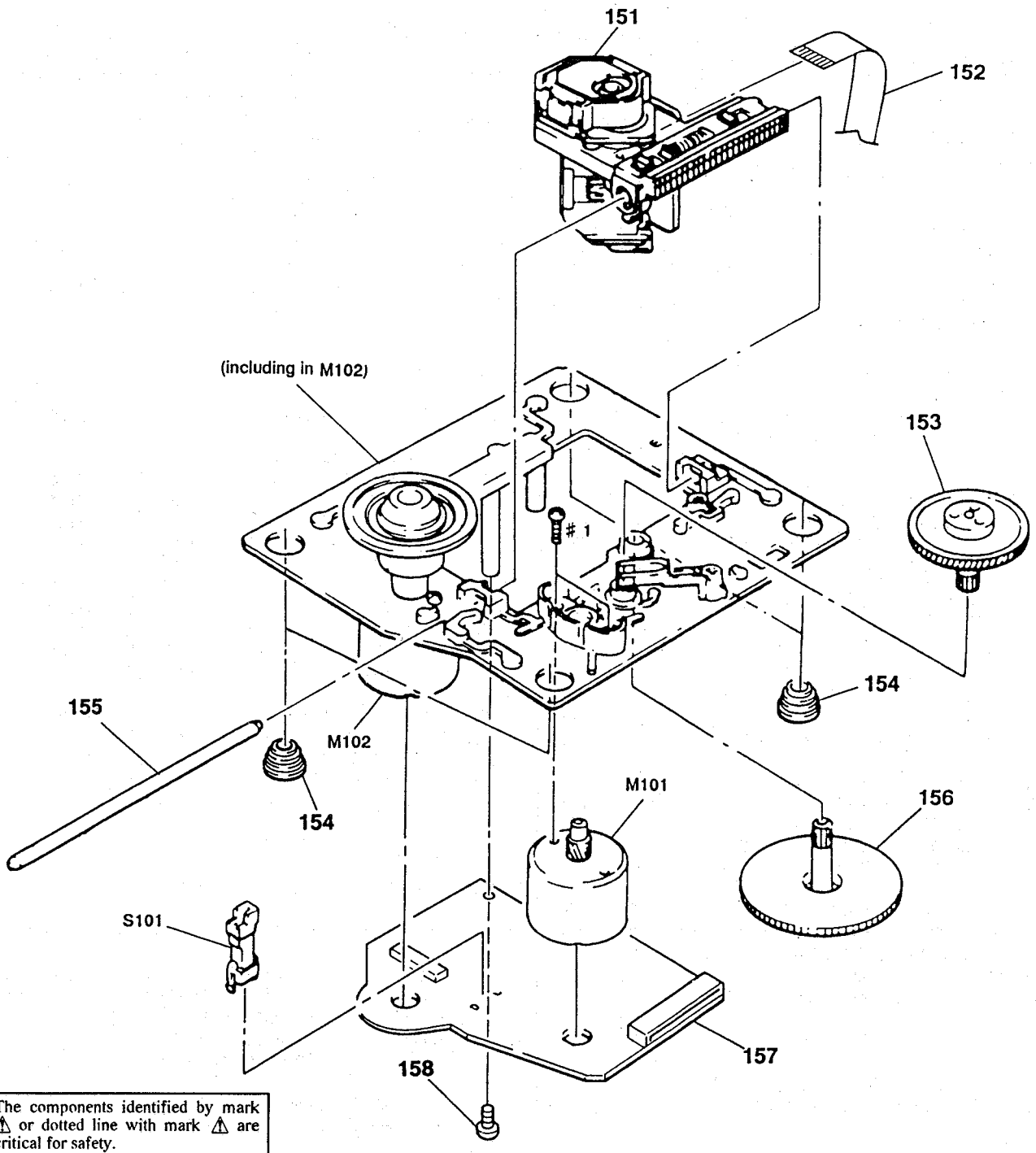
Remark

Ref. No.	Part No.	Description
* 101	4-934-373-01	BRACKET (BU)
102	4-949-385-01	SPRING (D), COIL
103	4-937-911-01	SPRING, TENSION
104	1-694-003-11	JAMPER, FILM (WITH TARMINAL)
105	4-933-134-01	SCREW (+PTPWH M2.6X6)
106	4-917-519-01	LEVER, SET
107	4-924-412-01	SPRING (B), TENSION
* 108	4-951-619-01	CUSHION (A)
* 109	1-644-133-11	LOADING MOTOR BOARD
110	4-934-375-01	GEAR (LOADING B)
111	4-934-381-01	GEAR (LOADING C)
112	4-934-391-01	GEAR (LOADING A)
* 113	4-943-996-01	SPRING, LEAF
* 114	4-941-548-01	LABEL, CLASS 1 (C525:AEP, E, Australian)
* 115	3-703-244-00	BUSHING (2104), CORD (EXCEPT C525:E)
* 115	3-703-571-11	BUSHING (S) (4516), CORD (C525:E)
⚠116	1-558-943-41	CORD, POWER (C525:E)
⚠116	1-574-358-31	CORD, POWER (WITH CONNECTOR) (C525:Australian)
⚠116	1-575-651-21	CORD, POWER (C525:AEP)
⚠116	1-590-836-11	CORD, POWER (C525:US, Canadian / C625)
⚠117	1-569-007-11	ADAPTER, CONVERSION 2P (C525:E)
* 118	4-949-235-01	HOOK
* 119	4-949-993-01	PANEL, BACK (C525:US, Canadian)

Remark

Ref. No.	Part No.	Description
* 119	4-949-993-21	PANEL, BACK (C525:AEP)
* 119	4-949-993-41	PANEL, BACK (C525:Australian)
* 119	4-949-993-31	PANEL, BACK (C525:E)
* 119	4-951-174-01	PANEL, BACK (C625)
* 120	4-943-997-01	CHASSIS
* 121	4-951-933-02	SHEET, INSULATING (C525:AEP, Australian)
* 122	4-944-178-01	SHEET (INSULATING)
123	3-531-576-11	RIVET
* 124	A-4649-295-A	MAIN BOARD, COMPLETE (C525:US, Canadian)
* 124	A-4649-297-A	MAIN BOARD, COMPLETE (C525:AEP, Australian)
* 124	A-4649-305-A	MAIN BOARD, COMPLETE (C625)
* 124	A-4649-311-A	MAIN BOARD, COMPLETE (C525:E)
* 125	1-644-134-11	OPEN/UP SW BOARD
126	X-4941-529-1	PULLEY ASSY
127	4-944-490-01	BELT (TIMING)
M702	A-4604-834-A	MOTOR ASSY, LOADING
⚠S201	1-571-722-11	SWITCH, VOLTAGE SELECTION (C525:E)
S701	1-572-713-11	SWITCH, PUSH (WITH CONNECTOR) (DOWN)
⚠T901	1-449-955-11	TRANSFORMER, POWER (C525:AEP, Australian)
⚠T901	1-449-956-11	TRANSFORMER, POWER (C525:E)
⚠T901	1-450-876-11	TRANSFORMER, POWER (C525:US, Canadian / C625)

5-4. OPTICAL PICK-UP BLOCK ASSEMBLY (BU-5BD8B)



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
⚠151	8-848-144-11	DEVICE, OPTICAL KSS-240A	
152	1-575-001-11	WIRE, FLAT TYPE (12 CORE)	
153	4-917-567-01	GEAR (M)	
154	4-951-940-01	INSULATOR (BU)	
155	4-917-565-01	SHAFT, SLED	
156	4-917-564-01	GEAR (P), FLATNESS	
* 157	A-4649-199-A	BD BOARD, COMPLETE	
158	4-951-620-01	SCREW (2.6X8), +BVTP	
M101	X-4917-504-1	MOTOR ASSY (SLED)	
M102	X-4917-523-3	BASE (OUTSERT) ASSY (SPINDLE)	
S101	1-572-085-11	SWITCH, LEAF (LIMIT IN)	

BD MAIN

SECTION 6
ELECTRICAL PARTS LIST

NOTE:

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms
  METAL: Metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F : nonflammable
- Color Indication of Appearance Parts Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ Parts color ↑ Cabinet's color
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: μ , for example:
  uA...: μA..., uPA...: μPA...,
  uPB...: μPB..., uPC...: μPC...,
  uPD...: μPD...
- CAPACITORS
  uF : μF
- COILS
  uH : μH
- Hardware (# mark) list is given in the last of this parts list.

Ref. No.	Part No.	Description			Remark
*	A-4649-199-A	BD BOARD, COMPLETE			
		**********			
		〈 CAPACITOR 〉			
C101	1-163-005-11	CERAMIC CHIP	470PF	10% 50V	
C102	1-163-038-00	CERAMIC CHIP	0.1uF	25V	
C103	1-163-005-11	CERAMIC CHIP	470PF	10% 50V	
C104	1-164-505-11	CERAMIC CHIP	2.2uF	16V	
C105	1-135-155-21	TANTALUM CHIP	4.7uF	10% 16V	
C106	1-164-346-11	CERAMIC CHIP	1uF	16V	
C107	1-164-505-11	CERAMIC CHIP	2.2uF	16V	
C108	1-164-346-11	CERAMIC CHIP	1uF	16V	
C112	1-163-038-00	CERAMIC CHIP	0.1uF	25V	
C151	1-163-007-11	CERAMIC CHIP	680PF	10% 50V	
C152	1-163-007-11	CERAMIC CHIP	680PF	10% 50V	
C153	1-163-038-00	CERAMIC CHIP	0.1uF	25V	
C154	1-164-336-11	CERAMIC CHIP	0.33uF	25V	
C155	1-163-007-11	CERAMIC CHIP	680PF	10% 50V	
C156	1-163-007-11	CERAMIC CHIP	680PF	10% 50V	
C157	1-163-037-11	CERAMIC CHIP	0.022uF	10% 25V	
C158	1-163-037-11	CERAMIC CHIP	0.022uF	10% 25V	
C159	1-163-023-00	CERAMIC CHIP	0.015uF	5% 50V	
C160	1-163-019-00	CERAMIC CHIP	0.0068uF	10% 50V	
C181	1-163-038-00	CERAMIC CHIP	0.1uF	25V	
		〈 CONNECTOR 〉			
CN101	1-568-861-11	SOCKET, CONNECTOR 18P			
CN102	1-568-795-11	SOCKET, CONNECTOR 12P			
		〈 IC 〉			
IC101	8-752-344-48	IC CXD2501Q			
IC102	8-759-071-79	IC BA6297AFP			
		〈 RESISTOR 〉			
R101	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R102	1-216-097-00	METAL CHIP	100K	5% 1/10W	
R103	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R104	1-216-085-00	METAL CHIP	33K	5% 1/10W	
R105	1-216-097-00	METAL CHIP	100K	5% 1/10W	
R112	1-216-049-00	METAL CHIP	1K	5% 1/10W	
R113	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R114	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R117	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R118	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R121	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R122	1-216-077-00	METAL CHIP	15K	5% 1/10W	
R151	1-216-070-00	METAL CHIP	7.5K	5% 1/10W	
R152	1-216-070-00	METAL CHIP	7.5K	5% 1/10W	
R153	1-216-070-00	METAL CHIP	7.5K	5% 1/10W	
R154	1-216-070-00	METAL CHIP	7.5K	5% 1/10W	
R155	1-216-070-00	METAL CHIP	7.5K	5% 1/10W	
R156	1-216-070-00	METAL CHIP	7.5K	5% 1/10W	
R157	1-216-085-00	METAL CHIP	33K	5% 1/10W	
R158	1-216-076-00	METAL CHIP	13K	5% 1/10W	
R159	1-216-085-00	METAL CHIP	33K	5% 1/10W	
R160	1-216-081-00	METAL CHIP	22K	5% 1/10W	
R161	1-216-093-00	METAL CHIP	68K	5% 1/10W	
R162	1-216-085-00	METAL CHIP	33K	5% 1/10W	
R163	1-216-308-00	METAL CHIP	4.7	5% 1/10W	
		〈 SWITCH 〉			
S101	1-572-085-11	SWITCH, LEAF (LIMIT)			
**********					
	A-4649-295-A	MAIN BOARD, COMPLETE (C525:US, Canadian)			
*	A-4649-297-A	MAIN BOARD, COMPLETE (C525:AEP, Australian)			
*	A-4649-305-A	MAIN BOARD, COMPLETE (C625)			
*	A-4649-311-A	MAIN BOARD, COMPLETE (C525:E)			
		**********			
*	1-690-880-31	READ (WITH CONNECTOR)			
*	4-950-865-01	HOLDER (LED) (C525)			
		〈 CAPACITOR 〉			
C201	1-124-572-11	ELECT	100uF	20% 63V	
C202	1-126-059-11	ELECT	10uF	20% 50V	
C203	1-124-887-00	ELECT	3300uF	20% 16V	
C204	1-126-937-11	ELECT	4700uF	20% 16V	
C205	1-126-163-11	ELECT	4.7uF	20% 50V	
C206	1-126-163-11	ELECT	4.7uF	20% 50V	
C207	1-126-301-11	ELECT	1uF	20% 50V	
C209	1-124-997-11	ELECT	470uF	20% 10V	
C210	1-126-024-11	ELECT	220uF	20% 16V	
C212	1-124-997-11	ELECT	470uF	20% 10V	
C213	1-126-301-11	ELECT	1uF	20% 50V	
C214	1-130-487-00	MYLAR	0.022uF	5% 50V	

MAIN

Ref. No.	Part No.	Description			Remark
C215	1-124-997-11	ELECT	470uF	20%	10V
C216	1-126-301-11	ELECT	1uF	20%	50V
C217	1-124-471-00	ELECT	1000uF	20%	6.3V
C218	1-126-023-11	ELECT	100uF	20%	16V
C219	1-126-023-11	ELECT	100uF	20%	16V
C220	1-124-120-11	ELECT	220uF	20%	25V
C221	1-124-120-11	ELECT	220uF	20%	25V
C222	1-126-024-11	ELECT	220uF	20%	16V
C223	1-126-024-11	ELECT	220uF	20%	16V
C224	1-161-494-00	CERAMIC	0.022uF		25V
C301	1-124-589-11	ELECT	47uF	20%	16V
C303	1-164-159-11	CERAMIC	0.1uF		50V
C305	1-126-022-11	ELECT	47uF	20%	16V
C306	1-164-159-11	CERAMIC	0.1uF		50V
C307	1-164-159-11	CERAMIC	0.1uF		50V
C311	1-130-491-00	MYLAR	0.047uF	5%	50V
C312	1-161-374-11	CERAMIC	0.0015uF	20%	50V
C313	1-161-494-00	CERAMIC	0.022uF		25V
C314	1-162-306-11	CERAMIC	0.01uF	20%	16V
C315	1-124-465-00	ELECT	0.47uF	20%	50V
C316	1-161-494-00	CERAMIC	0.022uF		25V
C317	1-161-494-00	CERAMIC	0.022uF		25V
C318	1-164-159-11	CERAMIC	0.1uF		50V
C319	1-162-282-31	CERAMIC	100PF	10%	50V
C320	1-130-483-00	MYLAR	0.01uF	5%	50V
C321	1-164-159-11	CERAMIC	0.1uF		50V
C322	1-164-159-11	CERAMIC	0.1uF		50V
C323	1-164-159-11	CERAMIC	0.1uF		50V
C324	1-164-159-11	CERAMIC	0.1uF		50V
C327	1-164-159-11	CERAMIC	0.1uF		50V
C328	1-126-022-11	ELECT	47uF	20%	16V
C329	1-164-159-11	CERAMIC	0.1uF		50V
C331	1-162-208-31	CERAMIC	24PF	5%	50V
C332	1-136-170-00	FILM	0.27uF	5%	50V
C336	1-126-022-11	ELECT	47uF	20%	16V
C342	1-126-022-11	ELECT	47uF	20%	16V
C343	1-164-159-11	CERAMIC	0.1uF		50V
C349	1-164-159-11	CERAMIC	0.1uF		50V
C350	1-126-022-11	ELECT	47uF	20%	16V
C351	1-161-494-00	CERAMIC	0.022uF		25V
C353	1-162-205-31	CERAMIC	18PF	5%	50V
C354	1-162-205-31	CERAMIC	18PF	5%	50V
C355	1-161-494-00	CERAMIC	0.022uF		25V
C356	1-126-022-11	ELECT	47uF	20%	16V
C357	1-124-997-11	ELECT	470uF	20%	10V
C358	1-164-159-11	CERAMIC	0.1uF		50V
C361	1-162-280-31	CERAMIC	82PF	10%	50V
C363	1-162-213-31	CERAMIC	39PF	5%	50V
C364	1-162-213-31	CERAMIC	39PF	5%	50V
C365	1-162-213-31	CERAMIC	39PF	5%	50V

Ref. No.	Part No.	Description			Remark
C366	1-162-213-31	CERAMIC	39PF	5%	50V
C367	1-162-280-31	CERAMIC	82PF	10%	50V
C371	1-130-479-00	MYLAR	0.0047uF	5%	50V
C372	1-130-479-00	MYLAR	0.0047uF	5%	50V
C373	1-130-472-00	MYLAR	0.0012uF	5%	50V
C374	1-130-472-00	MYLAR	0.0012uF	5%	50V
C377	1-126-022-11	ELECT	47uF	20%	16V
C378	1-126-022-11	ELECT	47uF	20%	16V
C379	1-130-472-00	MYLAR	0.0012uF	5%	50V
C380	1-130-472-00	MYLAR	0.0012uF	5%	50V
C401	1-126-022-11	ELECT	47uF	20%	16V
C402	1-164-159-11	CERAMIC	0.1uF		50V
C403	1-126-023-11	ELECT	100uF	20%	16V
C404	1-126-023-11	ELECT	100uF	20%	16V
C408	1-164-159-11	CERAMIC	0.1uF		50V
C409	1-164-159-11	CERAMIC	0.1uF		50V
C410	1-164-159-11	CERAMIC	0.1uF		50V
C412	1-126-022-11	ELECT	47uF	20%	16V (C625)
C413	1-161-494-00	CERAMIC	0.022uF		25V (C625)
C414	1-161-494-00	CERAMIC	0.022uF		25V
C415	1-164-159-11	CERAMIC	0.1uF		50V
C416	1-164-159-11	CERAMIC	0.1uF		50V
C450	1-126-024-11	ELECT	220uF	20%	16V
C460	1-126-024-11	ELECT	220uF	20%	16V
C901	1-161-494-00	CERAMIC	0.022uF		25V
C902	1-126-022-11	ELECT	47uF	20%	16V
C903	1-164-159-11	CERAMIC	0.1uF		50V
C904	1-164-159-11	CERAMIC	0.1uF		50V
C941	1-162-219-31	CERAMIC	68PF	5%	50V
C942	1-126-022-11	ELECT	47uF	20%	16V
C943	1-124-463-00	ELECT	0.1uF	20%	50V
C944	1-124-463-00	ELECT	0.1uF	20%	50V
C945	1-124-463-00	ELECT	0.1uF	20%	50V
C971	1-162-219-31	CERAMIC	68PF	5%	50V
C972	1-126-022-11	ELECT	47uF	20%	16V
C973	1-124-463-00	ELECT	0.1uF	20%	50V
C974	1-124-463-00	ELECT	0.1uF	20%	50V
C975	1-124-463-00	ELECT	0.1uF	20%	50V

〈 CONNECTOR 〉

* CN301	1-691-895-11	CONNECTOR, FFC/FPC 18P
* CN381	1-691-892-11	CONNECTOR, FFC/FPC 13P
* CN401	1-691-900-11	CONNECTOR, FFC/FPC 32P
* CN402	1-691-894-11	CONNECTOR, FFC/FPC 15P (C525)
* CN402	1-691-898-11	CONNECTOR, FFC/FPC 19P (C625)
* CN403	1-568-824-11	SOCKET, CONNECTOR 5P
* CN404	1-568-943-11	PIN, CONNECTOR 5P
* CN470	1-691-893-11	CONNECTOR, FFC/FPC 15P (C525)
* CN471	1-691-962-11	CONNECTOR, BOARD TO BOARD 14P (C525)

MAIN

Ref. No.	Part No.	Description		Remark
CN705	1-573-383-11	PIN, CONNECTOR (PC BOARD) 2P		
CN901	1-573-047-11	PIN, CONNECTOR (PC BOARD) 2P		
		〈 DIODE 〉		
D201	8-719-200-82	DIODE	11ES2	
D202	8-719-110-08	DIODE	RD8.2ES-B2	
D203	8-719-200-82	DIODE	11ES2	
D204	8-719-200-82	DIODE	11ES2	
D205	8-719-200-82	DIODE	11ES2	
D206	8-719-200-82	DIODE	11ES2	
D207	8-719-987-63	DIODE	1N4148M	
D208	8-719-987-63	DIODE	1N4148M	
D209	8-719-987-63	DIODE	1N4148M	
D210	8-719-987-63	DIODE	1N4148M	
D351	8-719-987-63	DIODE	1N4148M	
		〈 IC 〉		
IC201	8-759-633-42	IC	M5293L	
IC202	8-759-061-65	IC	LA5602	
IC203	8-759-945-58	IC	RC4558P	
IC204	8-759-604-86	IC	M5F7807L	
IC205	8-759-821-93	IC	LA5601	
IC206	8-759-982-26	IC	RC78L12A	
IC207	8-759-982-48	IC	NJM79L12A	
IC301	8-752-337-26	IC	CXD2500AQ	
IC302	8-752-342-65	IC	CXD2560M	
IC303	8-752-351-19	IC	CXD2561BM (C525)	
IC303	8-752-351-20	IC	CXD2561BM-1 (C625)	
IC306	8-759-503-91	IC	TL082ACP	
IC307	8-759-073-60	IC	MC33078	
IC308	8-749-921-12	IC	GP1F32T (C625)	
IC309	8-759-981-85	IC	RC4556D	
IC401	8-759-066-14	IC	uPD75237GJ-024-5BG	
IC402	8-759-821-32	IC	CXA1291P	
IC901	8-752-341-99	IC	CXD2701Q	
IC902	8-759-508-41	IC	MS51464-10NC	
IC904	8-759-917-18	IC	SN74HCU04AN	
IC910	8-759-073-60	IC	MC33078	
		〈 PIN JACK 〉		
* J381	1-569-443-11	JACK, PIN 4P (LINE OUT)		
		〈 COIL 〉		
L306	1-408-403-00	INDUCTOR	3.3uH	
L311	1-412-473-21	INDUCTOR	0uH	
L313	1-412-473-21	INDUCTOR	0uH	
L331	1-408-403-00	INDUCTOR	3.3uH	
L350	1-412-473-21	INDUCTOR	0uH	
L351	1-412-473-21	INDUCTOR	0uH	
L401	1-412-473-21	INDUCTOR	0uH	
L402	1-412-473-21	INDUCTOR	0uH	
		〈 IC LINK 〉		
⚠PS201	1-532-685-00	LINK, IC		(C525:AEP, E2/3, AUS)
⚠PS202	1-532-637-00	LINK, IC	1.0A	(C525:AEP, E2/3, AUS)
		〈 TRANSISTOR 〉		
Q201	8-729-119-76	TRANSISTOR	2SA1175-HFE	
Q209	8-729-281-52	TRANSISTOR	2SC1815-Y	
Q341	8-729-900-65	TRANSISTOR	DTA144ES	
Q342	8-729-900-65	TRANSISTOR	DTA144ES	
Q343	8-729-900-65	TRANSISTOR	DTA144ES	
Q344	8-729-900-89	TRANSISTOR	DTC144ES	
Q371	8-729-141-30	TRANSISTOR	2SC3623A-LK	
Q372	8-729-141-30	TRANSISTOR	2SC3623A-LK	
Q373	8-729-141-30	TRANSISTOR	2SC3623A-LK	
Q374	8-729-141-30	TRANSISTOR	2SC3623A-LK	
Q375	8-729-231-55	TRANSISTOR	2SC2878-AB	
Q376	8-729-231-55	TRANSISTOR	2SC2878-AB	
Q401	8-729-900-89	TRANSISTOR	DTC144ES	
Q901	8-729-900-63	TRANSISTOR	DTA124ES	
Q902	8-729-900-63	TRANSISTOR	DTA124ES	
Q903	8-729-900-63	TRANSISTOR	DTA124ES	
Q941	8-729-231-55	TRANSISTOR	2SC2878-AB	
Q942	8-729-231-55	TRANSISTOR	2SC2878-AB	
Q943	8-729-231-55	TRANSISTOR	2SC2878-AB	
Q971	8-729-231-55	TRANSISTOR	2SC2878-AB	
Q972	8-729-231-55	TRANSISTOR	2SC2878-AB	
Q973	8-729-231-55	TRANSISTOR	2SC2878-AB	
		〈 RESISTOR 〉		
R201	1-249-435-11	CARBON	33K 5% 1/4W	
R202	1-249-438-11	CARBON	56K 5% 1/4W	
R203	1-249-429-11	CARBON	10K 5% 1/4W	
R210	1-249-429-11	CARBON	10K 5% 1/4W	
R211	1-249-410-11	CARBON	270 5% 1/4W	
R215	1-249-417-11	CARBON	1K 5% 1/4W	
R302	1-249-417-11	CARBON	1K 5% 1/4W	
R303	1-249-417-11	CARBON	1K 5% 1/4W	
R305	1-249-411-11	CARBON	330 5% 1/4W	(C625)
R306	1-249-413-11	CARBON	470 5% 1/4W	
R309	1-249-405-11	CARBON	100 5% 1/4W	
R311	1-249-423-11	CARBON	3.3K 5% 1/4W	
R312	1-249-429-11	CARBON	10K 5% 1/4W	
R313	1-249-423-11	CARBON	3.3K 5% 1/4W	
R314	1-249-429-11	CARBON	10K 5% 1/4W	
R315	1-249-417-11	CARBON	1K 5% 1/4W	
R316	1-249-417-11	CARBON	1K 5% 1/4W	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

MAIN

Ref. No.	Part No.	Description				Remark
R317	1-249-417-11	CARBON	1K	5%	1/4W	
R318	1-249-441-11	CARBON	100K	5%	1/4W	
R319	1-247-903-00	CARBON	1M	5%	1/4W	
R321	1-249-417-11	CARBON	1K	5%	1/4W	
R322	1-249-417-11	CARBON	1K	5%	1/4W	
R323	1-249-417-11	CARBON	1K	5%	1/4W	
R324	1-249-418-11	CARBON	1.2K	5%	1/4W	
R330	1-249-417-11	CARBON	1K	5%	1/4W	
R331	1-249-417-11	CARBON	1K	5%	1/4W	
R332	1-247-893-11	CARBON	390K	5%	1/4W	
R342	1-249-417-11	CARBON	1K	5%	1/4W	
R343	1-249-441-11	CARBON	100K	5%	1/4W	
R344	1-249-441-11	CARBON	100K	5%	1/4W	
R345	1-249-425-11	CARBON	4.7K	5%	1/4W	
R346	1-249-425-11	CARBON	4.7K	5%	1/4W	
R347	1-249-441-11	CARBON	100K	5%	1/4W	
R348	1-249-429-11	CARBON	10K	5%	1/4W	
R351	1-249-436-11	CARBON	39K	5%	1/4W	
R352	1-249-436-11	CARBON	39K	5%	1/4W	
R353	1-249-436-11	CARBON	39K	5%	1/4W	
R354	1-249-436-11	CARBON	39K	5%	1/4W	
R355	1-249-436-11	CARBON	39K	5%	1/4W	
R356	1-249-436-11	CARBON	39K	5%	1/4W	
R357	1-249-436-11	CARBON	39K	5%	1/4W	
R358	1-249-436-11	CARBON	39K	5%	1/4W	
R359	1-247-903-00	CARBON	1M	5%	1/4W	
R361	1-249-432-11	CARBON	18K	5%	1/4W	
R362	1-249-432-11	CARBON	18K	5%	1/4W	
R363	1-249-432-11	CARBON	18K	5%	1/4W	
R364	1-249-432-11	CARBON	18K	5%	1/4W	
R365	1-249-438-11	CARBON	56K	5%	1/4W	
R366	1-249-438-11	CARBON	56K	5%	1/4W	
R367	1-249-438-11	CARBON	56K	5%	1/4W	
R368	1-249-438-11	CARBON	56K	5%	1/4W	
R369	1-249-419-11	CARBON	1.5K	5%	1/4W	
R370	1-249-419-11	CARBON	1.5K	5%	1/4W	
R371	1-249-419-11	CARBON	1.5K	5%	1/4W	
R372	1-249-419-11	CARBON	1.5K	5%	1/4W	
R373	1-247-887-00	CARBON	220K	5%	1/4W	
R374	1-247-887-00	CARBON	220K	5%	1/4W	
R375	1-249-409-11	CARBON	220	5%	1/4W	
R376	1-249-409-11	CARBON	220	5%	1/4W	
R377	1-249-409-11	CARBON	220	5%	1/4W	
R378	1-249-409-11	CARBON	220	5%	1/4W	
R379	1-249-425-11	CARBON	4.7K	5%	1/4W	
R380	1-249-425-11	CARBON	4.7K	5%	1/4W	
R381	1-249-425-11	CARBON	4.7K	5%	1/4W	
R382	1-249-425-11	CARBON	4.7K	5%	1/4W	
R383	1-249-414-11	CARBON	560	5%	1/4W	
R384	1-249-414-11	CARBON	560	5%	1/4W	
R385	1-249-393-11	CARBON	10	5%	1/4W	
R386	1-249-393-11	CARBON	10	5%	1/4W	
R389	1-249-414-11	CARBON	560	5%	1/4W	
R390	1-249-414-11	CARBON	560	5%	1/4W	
R396	1-247-848-11	CARBON	5.1K	5%	1/4W	
R397	1-247-848-11	CARBON	5.1K	5%	1/4W	
R398	1-247-848-11	CARBON	5.1K	5%	1/4W	
R399	1-247-848-11	CARBON	5.1K	5%	1/4W	
R403	1-249-425-11	CARBON	4.7K	5%	1/4W	
R404	1-249-425-11	CARBON	4.7K	5%	1/4W	
R405	1-249-425-11	CARBON	4.7K	5%	1/4W	
R406	1-249-425-11	CARBON	4.7K	5%	1/4W	
R408	1-249-441-11	CARBON	100K	5%	1/4W	
R409	1-249-434-11	CARBON	27K	5%	1/4W	
R410	1-249-441-11	CARBON	100K	5%	1/4W	
R411	1-247-876-11	CARBON	75K	5%	1/4W	
R412	1-247-876-11	CARBON	75K	5%	1/4W	
R413	1-249-440-11	CARBON	82K	5%	1/4W	
R414	1-247-874-11	CARBON	62K	5%	1/4W	
R415	1-249-435-11	CARBON	33K	5%	1/4W	
R416	1-247-878-00	CARBON	91K	5%	1/4W	
R417	1-247-878-00	CARBON	91K	5%	1/4W	
R418	1-247-878-00	CARBON	91K	5%	1/4W	
R419	1-249-440-11	CARBON	82K	5%	1/4W	
R420	1-249-440-11	CARBON	82K	5%	1/4W	
R421	1-249-393-11	CARBON	10	5%	1/4W	
R422	1-249-393-11	CARBON	10	5%	1/4W	
R423	1-249-393-11	CARBON	10	5%	1/4W	
R424	1-249-411-11	CARBON	330	5%	1/4W	
R425	1-249-429-11	CARBON	10K	5%	1/4W	
R426	1-249-429-11	CARBON	10K	5%	1/4W	
R427	1-249-429-11	CARBON	10K	5%	1/4W	
R430	1-249-429-11	CARBON	10K	5%	1/4W	
R432	1-249-429-11	CARBON	10K	5%	1/4W	
R433	1-249-429-11	CARBON	10K	5%	1/4W	
R434	1-249-429-11	CARBON	10K	5%	1/4W	
R451	1-249-441-11	CARBON	100K	5%	1/4W	
R452	1-249-437-11	CARBON	47K	5%	1/4W	
R453	1-249-405-11	CARBON	100	5%	1/4W	
R461	1-249-441-11	CARBON	100K	5%	1/4W	
R462	1-249-437-11	CARBON	47K	5%	1/4W	
R463	1-249-405-11	CARBON	100	5%	1/4W	
R470	1-249-415-11	CARBON	680	5%	1/4W	(C525)
R471	1-247-828-11	CARBON	750	5%	1/4W	(C525)
R472	1-249-416-11	CARBON	820	5%	1/4W	(C525)
R473	1-249-417-11	CARBON	1K	5%	1/4W	(C525)
R474	1-247-834-11	CARBON	1.3K	5%	1/4W	(C525)
R475	1-249-419-11	CARBON	1.5K	5%	1/4W	(C525)
R476	1-249-415-11	CARBON	680	5%	1/4W	(C525)
R477	1-247-828-11	CARBON	750	5%	1/4W	(C525)

MAIN DISPLAY

Ref. No.	Part No.	Description				Remark
R478	1-249-416-11	CARBON	820	5%	1/4W	(C525)
R479	1-249-417-11	CARBON	1K	5%	1/4W	(C525)
R480	1-247-834-11	CARBON	1.3K	5%	1/4W	(C525)
R481	1-249-419-11	CARBON	1.5K	5%	1/4W	(C525)
R482	1-249-420-11	CARBON	1.8K	5%	1/4W	(C525)
R483	1-249-421-11	CARBON	2.2K	5%	1/4W	(C525)
R484	1-249-422-11	CARBON	2.7K	5%	1/4W	(C525)
R901	1-249-417-11	CARBON	1K	5%	1/4W	
R902	1-249-417-11	CARBON	1K	5%	1/4W	
R903	1-249-417-11	CARBON	1K	5%	1/4W	
R915	1-249-441-11	CARBON	100K	5%	1/4W	
R916	1-249-441-11	CARBON	100K	5%	1/4W	
R917	1-249-441-11	CARBON	100K	5%	1/4W	
R921	1-249-417-11	CARBON	1K	5%	1/4W	
R922	1-249-420-11	CARBON	1.8K	5%	1/4W	
R923	1-249-417-11	CARBON	1K	5%	1/4W	
R924	1-249-417-11	CARBON	1K	5%	1/4W	
R925	1-249-417-11	CARBON	1K	5%	1/4W	
R941	1-249-419-11	CARBON	1.5K	5%	1/4W	
R943	1-249-441-11	CARBON	100K	5%	1/4W	
R945	1-249-425-11	CARBON	4.7K	5%	1/4W	
R946	1-249-425-11	CARBON	4.7K	5%	1/4W	
R947	1-249-425-11	CARBON	4.7K	5%	1/4W	
R948	1-249-421-11	CARBON	2.2K	5%	1/4W	
R949	1-249-422-11	CARBON	2.7K	5%	1/4W	
R950	1-247-836-11	CARBON	1.6K	5%	1/4W	
R951	1-247-828-11	CARBON	750	5%	1/4W	
R952	1-247-832-11	CARBON	1.1K	5%	1/4W	
R953	1-249-410-11	CARBON	270	5%	1/4W	
R971	1-249-419-11	CARBON	1.5K	5%	1/4W	
R973	1-249-441-11	CARBON	100K	5%	1/4W	
R975	1-249-425-11	CARBON	4.7K	5%	1/4W	
R976	1-249-425-11	CARBON	4.7K	5%	1/4W	
R977	1-249-425-11	CARBON	4.7K	5%	1/4W	
R978	1-249-421-11	CARBON	2.2K	5%	1/4W	
R979	1-249-422-11	CARBON	2.7K	5%	1/4W	
R980	1-247-836-11	CARBON	1.6K	5%	1/4W	
R981	1-247-828-11	CARBON	750	5%	1/4W	
R982	1-247-832-11	CARBON	1.1K	5%	1/4W	
R983	1-249-410-11	CARBON	270	5%	1/4W	
		〈 SWITCH 〉				
⚠S201	1-571-722-11	SWITCH, VOLTAGE SELECTION				(C525:E2/3)
S470	1-554-303-21	SWITCH, TACTILE (10)				(C525)
S471	1-554-303-21	SWITCH, TACTILE (9)				(C525)
S472	1-554-303-21	SWITCH, TACTILE (8)				(C525)
S473	1-554-303-21	SWITCH, TACTILE (7)				(C525)
S474	1-554-303-21	SWITCH, TACTILE (6)				(C525)
S475	1-554-303-21	SWITCH, TACTILE (PEAK SERCH)				(C525)
S476	1-554-303-21	SWITCH, TACTILE (5)				(C525)
S477	1-554-303-21	SWITCH, TACTILE (4)				(C525)
S478	1-554-303-21	SWITCH, TACTILE (3)				(C525)
S479	1-554-303-21	SWITCH, TACTILE (2)				(C525)
S480	1-554-303-21	SWITCH, TACTILE (1)				(C525)
S481	1-554-303-21	SWITCH, TACTILE (>10)				(C525)
S482	1-554-303-21	SWITCH, TACTILE (FADER)				(C525)
S483	1-554-303-21	SWITCH, TACTILE (CLEAR)				(C525)
S484	1-554-303-21	SWITCH, TACTILE (CHECK)				(C525)
S485	1-554-303-21	SWITCH, TACTILE (EDIT/TIME FADER)				(C525)
S486	1-554-303-21	SWITCH, TACTILE (MUSIC SCAN)				(C525)
		〈 VIBRATOR 〉				
X351	1-579-314-11	VIBRATOR, CRYSTAL				
X401	1-577-358-21	VIBRATOR, CERAMIC				
**********						
*	1-643-515-11	DISPLAY BOARD				(C525)
		**********				
*	1-644-127-11	DISPLAY BOARD				(C625)
		**********				
*	4-950-864-01	HOLDER (FL)				
		〈 CONNECTOR 〉				
* CN705	1-691-899-11	CONNECTOR, FFC/FPC 32P				
		〈 TUBE INDICATOR 〉				
FL701	1-519-721-11	INDICATOR TUBE, FLUORESCENT				
		〈 RESISTOR 〉				
R721	1-249-417-11	CARBON	1K	5%	1/4W	
R722	1-249-419-11	CARBON	1.5K	5%	1/4W	
R723	1-249-416-11	CARBON	820	5%	1/4W	
R724	1-247-828-11	CARBON	750	5%	1/4W	
R725	1-249-415-11	CARBON	680	5%	1/4W	
R726	1-249-420-11	CARBON	1.8K	5%	1/4W	
R727	1-249-421-11	CARBON	2.2K	5%	1/4W	
R728	1-249-422-11	CARBON	2.7K	5%	1/4W	
R729	1-247-834-11	CARBON	1.3K	5%	1/4W	
R730	1-249-424-11	CARBON	3.9K	5%	1/4W	(C625)
		〈 SWITCH 〉				
S728	1-554-303-21	SWITCH, TACTILE (DISC SKIP)				
S729	1-554-303-21	SWITCH, TACTILE (▶▶)				
S730	1-554-303-21	SWITCH, TACTILE (◀◀)				
S731	1-554-303-21	SWITCH, TACTILE (▷▷|)				
S732	1-554-303-21	SWITCH, TACTILE (|◁◁)				
S733	1-554-303-21	SWITCH, TACTILE (⏏ OPEN/CLOSE)				
S734	1-554-303-21	SWITCH, TACTILE (■)				
S735	1-554-303-21	SWITCH, TACTILE (❚❚)				

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

DISPLAY | POWER SW | DSP | FUNCTION

Ref. No.	Part No.	Description			Remark
S736	1-554-303-21	SWITCH, TACTILE (▷)			
S737	1-554-303-21	SWITCH, TACTILE (TIME)			
S738	1-554-303-21	SWITCH, TACTILE (MUSIC SCAN) (C625)			
**********					
*	1-643-516-11	POWER SW BOARD (C525)			
		**********			
*	1-644-126-11	POWER SW BOARD (C625)			
		**********			
		< CAPACITOR >			
C704	1-161-494-00	CERAMIC	0.022u	25V	(C525)
		< CONNECTOR >			
* CN702	1-568-945-11	PIN, CONNECTOR 7P (C525)			
* CN702	1-568-943-11	PIN, CONNECTOR 5P (C625)			
		< IC >			
IC701	8-741-100-48	IC	SBX1610-59 (C525)		
		< RESISTOR >			
R701	1-249-421-11	CARBON	2.2K	5% 1/4W	
R702	1-249-420-11	CARBON	1.8K	5% 1/4W	
R703	1-249-419-11	CARBON	1.5K	5% 1/4W	
R704	1-249-415-11	CARBON	680	5% 1/4W	
R705	1-247-828-11	CARBON	750	5% 1/4W	
R706	1-249-416-11	CARBON	820	5% 1/4W	
R707	1-249-417-11	CARBON	1K	5% 1/4W	
R708	1-247-834-11	CARBON	1.3K	5% 1/4W	
		< SWITCH >			
S701	1-554-303-21	SWITCH, TACTILE (REPEAT (PLAY MODE))			
S702	1-554-303-21	SWITCH, TACTILE (PROGRAM(PLAY MODE))			
S703	1-554-303-21	SWITCH, TACTILE (SHUFFLE(PLAY MODE))			
S704	1-554-303-21	SWITCH, TACTILE (CONTINUE)			
S705	1-554-303-21	SWITCH, TACTILE (DISC 5)			
S706	1-554-303-21	SWITCH, TACTILE (DISC 4)			
S707	1-554-303-21	SWITCH, TACTILE (DISC 3)			
S708	1-554-303-21	SWITCH, TACTILE (DISC 2)			
S709	1-554-303-21	SWITCH, TACTILE (DISC 1)			
S710	1-572-714-11	SWITCH, PUSH (POWER) (C525)			
S710	1-572-714-11	SWITCH, PUSH (POWER) (C625)			
**********					
*	1-644-128-11	DSP BOARD (C625)			
		*********			
*	4-952-230-01	HOLDER (LED)			

Ref. No.	Part No.	Description			Remark
		< CAPACITOR >			
C801	1-161-494-00	CERAMIC	0.022uF	25V	
		< CONNECTOR >			
* CN800	1-691-188-11	CONNECTOR, BOARD TO BOARD 18P			
		< DIODE >			
D801	8-719-301-52	LED	SEL2810A-C		
D802	8-719-301-52	LED	SEL2810A-C		
D803	8-719-301-52	LED	SEL2810A-C		
D804	8-719-301-52	LED	SEL2810A-C		
D805	8-719-301-52	LED	SEL2810A-C		
D806	8-719-301-52	LED	SEL2810A-C		
D807	8-719-301-52	LED	SEL2810A-C		
		< IC >			
IC801	8-741-100-48	IC	SBX1610-59		
		< RESISTOR >			
R806	1-249-419-11	CARBON	1.5K	5% 1/4W	
R807	1-249-420-11	CARBON	1.8K	5% 1/4W	
R808	1-249-409-11	CARBON	220	5% 1/4W	
		< VARIABLE RESISTOR >			
RV801	1-241-514-11	RES, VAR, CARBON 10K			
RV802	1-241-514-11	RES, VAR, CARBON 10K			
		< SWITCH >			
S801	1-554-303-21	SWITCH, TACTILE (FLAT (DIGITAL SIGNAL PROCESSOR))			
S802	1-554-303-21	SWITCH, TACTILE (BGM (DIGITAL SIGNAL PROCESSOR))			
S803	1-554-303-21	SWITCH, TACTILE (LIVE ROOM(DIGITAL SIGNAL PROCESSOR))			
S804	1-554-303-21	SWITCH, TACTILE (DISCO (DIGITAL SIGNAL PROCESSOR))			
S805	1-554-303-21	SWITCH, TACTILE (STADIUM (DIGITAL SIGNAL PROCESSOR))			
S806	1-554-303-21	SWITCH, TACTILE (JAZZ CLUB(DIGITAL SIGNAL PROCESSOR))			
S807	1-554-303-21	SWITCH, TACTILE (CHURCH (DIGITAL SIGNAL PROCESSOR))			
S808	1-554-303-21	SWITCH, TACTILE (HALL (DIGITAL SIGNAL PROCESSOR))			
**********					
*	1-644-129-11	FUNCTION BOARD (C625)			
		**********			
		< CONNECTOR >			

FUNCTION | HEADPHONE VOL | HEADPHONE JACK | TABLE MOTOR | LOADING MOTOR | OPEN/UP SW | DSP

Ref. No.	Part No.	Description				Remark
* CN402	1-691-897-11	CONNECTOR, FFC/FPC 19P				
* CN471	1-691-187-11	CONNECTOR, BOARD TO BOARD 18P				
		⟨ RESISTOR ⟩				
R470	1-249-415-11	CARBON	680	5%	1/4W	
R471	1-247-828-11	CARBON	750	5%	1/4W	
R472	1-249-416-11	CARBON	820	5%	1/4W	
R473	1-249-417-11	CARBON	1K	5%	1/4W	
R474	1-247-834-11	CARBON	1.3K	5%	1/4W	
R476	1-249-415-11	CARBON	680	5%	1/4W	
R477	1-247-828-11	CARBON	750	5%	1/4W	
R478	1-249-416-11	CARBON	820	5%	1/4W	
R479	1-249-417-11	CARBON	1K	5%	1/4W	
R480	1-247-834-11	CARBON	1.3K	5%	1/4W	
R481	1-249-419-11	CARBON	1.5K	5%	1/4W	
R482	1-249-420-11	CARBON	1.8K	5%	1/4W	
R483	1-249-421-11	CARBON	2.2K	5%	1/4W	
R484	1-249-422-11	CARBON	2.7K	5%	1/4W	
		⟨ SWITCH ⟩				
S470	1-554-303-21	SWITCH, TACTILE (10)				
S471	1-554-303-21	SWITCH, TACTILE (9)				
S472	1-554-303-21	SWITCH, TACTILE (8)				
S473	1-554-303-21	SWITCH, TACTILE (7)				
S474	1-554-303-21	SWITCH, TACTILE (6)				
S475	1-554-303-21	SWITCH, TACTILE (PEAK SERCH)				
S476	1-554-303-21	SWITCH, TACTILE (5)				
S477	1-554-303-21	SWITCH, TACTILE (4)				
S478	1-554-303-21	SWITCH, TACTILE (3)				
S479	1-554-303-21	SWITCH, TACTILE (2)				
S480	1-554-303-21	SWITCH, TACTILE (1)				
S481	1-554-303-21	SWITCH, TACTILE ()10)				
S482	1-554-303-21	SWITCH, TACTILE (FADER)				
S483	1-554-303-21	SWITCH, TACTILE (CLEAR)				
S484	1-554-303-21	SWITCH, TACTILE (CHECK)				
S485	1-554-303-21	SWITCH, TACTILE (EDIT/TIME FADER)				
**********						
*	1-644-130-11	HEADPHONE VOL BOARD				
		**********				
		⟨ CAPACITOR ⟩				
C706	1-161-494-00	CERAMIC	0.022uF			25V
		⟨ CONNECTOR ⟩				
* CN702	1-691-892-11	CONNECTOR, FFC/FPC 13P				
		⟨ VARIABLE RESISTOR ⟩				
RV701	1-241-919-11	RES, VAR CARBON 10K/10K (VOLUME)				

Ref. No.	Part No.	Description				Remark
**********						
*	1-644-131-11	HEADPHONE JACK BOARD				
		**********				
		⟨ CAPACITOR ⟩				
C701	1-162-291-31	CERAMIC	560PF	10%	50V	
C702	1-162-291-31	CERAMIC	560PF	10%	50V	
C703	1-164-159-11	CERAMIC	0.1uF		50V	
		⟨ JACK ⟩				
J701	1-568-519-41	JACK, LARGE TYPE (HEADPHONES)				
**********						
*	1-644-132-11	TABLE MOTOR BOARD				
		**********				
		⟨ CAPACITOR ⟩				
C704	1-161-375-00	CERAMIC	0.0022uF	20%	50V	
		⟨ CONNECTOR ⟩				
* CN707	1-573-044-11	SOCKET, CONNECTOR 5P				
		⟨ DIODE ⟩				
D701	8-719-970-19	DIODE	GP-1A521			
		⟨ RESISTOR ⟩				
R701	1-249-416-11	CARBON	820	5%	1/4W	
**********						
*	1-644-133-11	LOADING MOTOR BOARD				
		**********				
		⟨ CAPACITOR ⟩				
C705	1-161-375-00	CERAMIC	0.0022uF	20%	50V	
**********						
*	1-644-134-11	OPEN/UP SW BOARD				
		**********				
		⟨ SWITCH ⟩				
S702	1-571-300-21	SWITCH, ROTARY (OPEN/UP)				
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*	1-644-137-11	DSP BOARD (C525)				
		*********				
		⟨ CONNECTOR ⟩				

DSP

Ref. No.	Part No.	Description	Remark
* CN800	1-691-963-11	CONNECTOR, BOARD TO BOARD 14P	
		⟨ DIODE ⟩	
D801	8-719-301-52	LED SEL2810A-C	
D802	8-719-301-52	LED SEL2810A-C	
D803	8-719-301-52	LED SEL2810A-C	
D804	8-719-301-52	LED SEL2810A-C	
D805	8-719-301-52	LED SEL2810A-C	
		⟨ RESISTOR ⟩	
R801	1-249-415-11	CARBON 680 5% 1/4W	
R802	1-247-828-11	CARBON 750 5% 1/4W	
R803	1-249-416-11	CARBON 820 5% 1/4W	
R804	1-249-417-11	CARBON 1K 5% 1/4W	
R805	1-247-834-11	CARBON 1.3K 5% 1/4W	
R808	1-249-409-11	CARBON 220 5% 1/4W	
		⟨ SWITCH ⟩	
S801	1-554-303-21	SWITCH, TACTILE (FLAT (DIGITAL SIGNAL PROCESSOR))	
S804	1-554-303-21	SWITCH, TACTILE (DISCO (DIGITAL SIGNAL PROCESSOR))	
S805	1-554-303-21	SWITCH, TACTILE (STADIUM (DIGITAL SIGNAL PROCESSOR))	
S806	1-554-303-21	SWITCH, TACTILE (JAZZ CLUB (DIGITAL SIGNAL PROCESSOR))	
S807	1-554-303-21	SWITCH, TACTILE (CHURCH (DIGITAL SIGNAL PROCESSOR))	
S808	1-554-303-21	SWITCH, TACTILE (HALL (DIGITAL SIGNAL PROCESSOR))	
**********			
		MISCELLANEOUS	
		**********	
13	1-690-933-11	WIRE (FLAT TYPE) (32 CORE)	
14	1-690-934-11	WIRE (FLAT TYPE) (13 CORE)	
19	1-690-931-11	WIRE (FLAT TYPE) (19 CORE) (C625)	
21	1-690-932-11	WIRE (FLAT TYPE) (15 CORE) (C525)	
* 53	1-452-538-11	MAGNET	
56	1-590-849-11	WIRE, FLAT TYPE (5 CORE)	
104	1-694-003-11	JAMPER, FILM (WITH TARMINAL)	
⚠116	1-558-943-41	CORD, POWER (C525:E)	
⚠116	1-574-358-31	CORD, POWER (WITH CONNECTOR) (C525:Australian)	
⚠116	1-575-651-21	CORD, POWER (C525:AEP)	
⚠116	1-590-836-11	CORD, POWER (C525:US, Canadian/C625)	
⚠117	1-569-007-11	ADAPTER, CONVERSION 2P (C525:E)	
⚠151	8-848-144-11	DEVICE, OPTICAL KSS-240A	
152	1-575-001-11	WIRE, FLAT TYPE (12 CORE)	
M101	X-4917-504-1	MOTOR ASSY (SLED)	
M102	X-4917-523-3	BASE (OUTSERT) ASSY (SPINDLE)	
M701	A-4604-585-A	MOTOR ASSY, ROTARY (TABLE)	
M702	A-4604-834-A	MOTOR ASSY, LOADING	
S101	1-572-085-11	SWITCH, LEAF (LIMIT IN)	
⚠S201	1-571-722-11	SWITCH, VOLTAGE SELECTION (C525:E)	
S701	1-572-713-11	SWITCH, PUSH (WITH CONNECTOR) (DOWN)	
⚠T901	1-449-955-11	TRANSFORMER, POWER (C525:AEP, Australian)	
⚠T901	1-449-956-11	TRANSFORMER, POWER (C525:E)	
⚠T901	1-450-876-11	TRANSFORMER, POWER (C525:US, Canadian/C625)	
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		ACCESSORIES & PACKING MATERIALS	
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	1-465-729-11	REMOTE COMMANDER	
	1-558-271-11	CORD, CONNECTION	
	3-707-584-01	COVER, BATTERY	
	3-754-917-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (C525:AEP, E)	
	3-754-917-21	MANUAL, INSTRUCTION (ENGLISH) (C525:US, Canadian, Australian/C625)	
	3-754-917-31	MANUAL, INSTRUCTION (FRENCH) (C525:Canadian/C625:Canadian)	
	3-754-917-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (C525:AEP)	
	3-754-917-71	MANUAL, INSTRUCTION (DANISH, FINNISH) (C525:AEP)	
	4-937-945-01	PLATE (TRANSPORT), LOCK	
*	4-941-548-01	LABEL, CLASS 1 (C525:AEP, E, Australian)	
*	4-944-110-01	CUSHION (FRONT)	
*	4-944-111-01	CUSHION (REAR)	
*	4-949-235-01	HOOK	
*	4-951-752-21	INDIVIDUAL CARTON (C525)	
*	4-951-752-31	INDIVIDUAL CARTON (C625)	
*	4-952-391-01	INDIVIDUAL CARTON (C625)	
*	4-952-392-01	INDIVIDUAL CARTON (C525)	
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		**********	
		HARDWARE LIST	
		**********	
#1	7-621-255-15	SCREW +P 2X3	
#2	7-682-548-04	SCREW +BVTT 3X8 (S)	
#3	7-682-554-04	SCREW +B 3X25	
#4	7-682-661-09	SCREW +PSW 4X8	
#5	7-685-136-19	SCREW +P 2.6X12 TYPE2 NON-SLIT	
#6	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
#7	7-685-647-79	SCREW, TAPPING	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.